

AIM Ann Report  
1981 to 1982

# AUCKLAND INSTITUTE AND MUSEUM

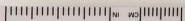


## ANNUAL REPORT 1981-82

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*Front Cover:* Hei-tiki given by the Ngai Tahu of Akaroa, Banks Peninsula, to a sea captain in 1831. Purchased for the Museum from the Members' Specimen Purchase Fund.

*Back Cover:* Detail of a quilt from the Special Exhibition "Cook Island Quilts", January 1982.



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1982

# AIM Ann Report 1981 to 1982

Annual Report  
Auckland Institute and Museum  
ISSN 0373-6229

For presentation at the Annual General  
Meeting to be held on 20th September, 1982



# AIM Ann Report 1981 to 1982

## OFFICERS OF THE AUCKLAND INSTITUTE AND MUSEUM

### *President:*

DR R.H.L. FERGUSON, F.R.C.S., F.R.A.C.S.

### *Past President:*

DR J.D. ATKINSON, O.B.E., M.Agr.Sc., D.Sc., F.R.S.N.Z.

### *Vice-Presidents:*

LIEUTENANT-COLONEL A.R. HUGHES, MR G.W. FRATER, MR R.E. THOMAS, F.C.A.N.Z.

### *Council:*

#### *Representatives of Members of the Institute:*

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MR S.G. BROOKER, M.Sc.	MISS J. ROBB, M.Sc., Dip.Agr.
PROF R.N.H. BULMER, M.A., Ph.D.	DR D.B. ROBERTSON, F.R.C.S., F.R.A.C.S.
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DR M.J. TAYLOR, M.A., D.Phil.	

#### *Representatives of Local Authorities:*

MR J.D. AUCKRAM, MR G.D. BARNABY, J.P., MR K. FLAVELL, L.I.B., MR W.R.M. HARENAPE, A.N.Z.I.A., A.I.A.A., MRS N.B. LEWIS, J.P., MR I.D. MacKINLAY, MR D.M. McCARTIE, MR I.W. McKINNON, J.P., F.I.C.E., F.N.Z.I.E., MR C. MOUNTFORT, Q.S.M., MRS P.E.M. PHILLIPS, MR M.H. PRITCHARD, B.Sc. Dip.T.P., M.N.Z.P.I., MRS C.A. TIZARD, B.A., MR O.E. WALKER, MRS E.A. WYLIE, Q.S.M., J.P.

### *Trust Board:*

MR R.E. THOMAS, F.C.A.N.Z. (Chairman),  
DR J.D. ATKINSON, O.B.E., M.Agr.Sc., D.Sc., F.R.S.N.Z., MR J.D.O. ELLIS, MR M.P. HAY, DR H.C. HOLLAND, O.B.E., F.R.I.C., MR J. SEABROOK, C.M.G., A.F.C.

#### *Representative on Member Bodies' Committee, Royal Society of New Zealand:*

DR P.J. BROOK, M.Sc., Ph.D.

### *Director:*

MR G.S. PARK, M.A., A.M.A.

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## STAFF AUCKLAND INSTITUTE AND MUSEUM

### Administration

Director .....	STUART PARK, M.A., A.M.A.
Assistant Director .....	DAVID SIMMONS, M.A., Dip.Etds. Celt. (Rennes), Dip.Etds.Civ.Franc. (Sorbonne)
Director's Secretary .....	GAYE POWELL
Secretarial Assistant .....	ANNE WILSON
Accountant .....	BRUCE ROBERTSON, B.Com., A.C.A., A.C.I.S.
Accounts Clerk .....	MERLE WILLIAMS
Clerical Assistant .....	ISOBEL CHERRINGTON
Receptionist-Telephonist .....	MAUREEN TAYLOR

### Applied Arts

Curator of Applied Arts .....	BRIAN MUIR, B.A., Dip.Tchg.
Hon. Curator of Textiles .....	JUDY SMITH
Hon. Curator of Furniture .....	WILLIAM ROSS-LOWE, M.B.E.
Hon. Horologist .....	DAVID SMITH, M.A., Ph.D.

### Archaeology

E. Earle Vaile Archaeologist .....	NIGEL PRICKETT, M.A., Ph.D.
Hon. Archaeologist .....	AILEEN FOX, M.A., F.S.A.
Hon. Research Associate in Archaeology .....	JANET M. DAVIDSON, M.A.

### Botany

Botanist .....	ANTHONY WRIGHT, M.Sc.
Associate Botanist .....	TED BANGERTER, F.L.S.
Hon. Botanist .....	LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Hon. Research Associate in Botany .....	JEANNE H. GOULDING

### Conservation

Preparator/Conservation Officer .....	LEO CAPPEL, Dip.I.A.C. (Amst.)
Assistant Conservator .....	GERRY BARTON, M.A.
Assistant Conservator .....	GEORGINA CHRISTENSEN, M.A.

### Display

Curator of Display .....	RICHARD WOLFE, B.F.A.
Display Artist .....	PETER GOSSAGE
Display Artist .....	GILLIAN CHAPLIN, B.A., M.F.A.
Display Assistant .....	AUDREY McBIRNEY

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## Education

Education Officer .....	STRUAN ENSOR
Assistant Education Officers .....	BERT CADMAN, B.A. DAVID REYNOLDS, B.A., Dip.Tchg.
Teacher Aid .....	PAM TOWERS
Artist-Technician .....	JOHN McCAW

## Entomology

Entomologist (Senior Scientist) ....	KEITH WISE
Entomology Assistant .....	JANET GURR

## Ethnology

Ethnologist .....	DAVID SIMMONS, M.A., Dip. Etds. Celt. (Rennes), Dip.Etds.Civ.Franc. (Sorbonne)
Ethnology Assistant .....	NOLA ARTHUR, N.Z.L.A. Cert., A.N.Z.L.A., A.L.A.A.
Clerical Assistant .....	MARY BEST

## Extension Service

Extension Officer .....	JOHN WADHAM, B.Sc.
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## Liaison Service

Liaison Officer .....	SHERRY REYNOLDS, M.A., Dip.Tchg.
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## Library

Librarian .....	IAN THWAITES, B.A., Dip.N.Z.L.S., A.N.Z.L.A.
Assistant Librarian .....	GORDON MAITLAND, M.A., Dip.N.Z.L.S.
Library Assistant .....	DIANE CALDER
Clerical Assistant .....	MARIENNE FLETCHER

## Malacology

Malacologist .....	WALTER CERNOHORSKY, F.L.S.
Hon. Research Associate in Mollusca .....	BADEN POWELL, Hon.D.Sc., F.R.S.N.Z., F.M.A.N.Z.

## Marine Biology and Maritime History

Marine Biologist .....	BRETT STEPHENSON, M.Sc.
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## **Ornithology**

Associate Ornithologist . . . . . SYLVIA REED (Deceased 30.12.81)

## **Planetarium**

Operator . . . . . GARY FREETH

## **War Collections**

Curator . . . . . JOHN WADHAM, B.Sc.

Hon. Curator of Medals  
and Badges . . . . . DAVID CORBETT, A.F.R.Ae.S.

## **Attendants**

BRUCE FLETCHER (Senior), BRIAN CRAIG, PATRICK FITZGERALD,  
ERIC FRAZER, EDWARD JOHNSON, MERVYN LOCKLEY, JOSEPH  
MILLS, LUIS RAMON, WILLIAM SMITH, EDWYN SOUTHWORTH,  
GRAHAM TAYLOR, GLEN TILSLEY, JACK WATSON, COLIN WHYTE.

## **Cleaning**

NOEL CHAPMAN, OLIVE FRENCH, ESTHER SMITH, MAY SMITH.

## **Coffee Lounge**

MARY EICHLER (Manager), MARY McSWEENEY (Assistant Manager),  
JOAN HARVEY, JEANNE MELLAMPHY, ALISON McLAUGHLIN,  
ANNE NICHOLAS, ESMAY ULLENBERG, GEORGE WILLIAMS.

## **Maintenance**

HARRY ROWE.

## **Museum Shop**

MYRA ALEXANDER (Manager), SALLY ANDREWS, MIGNONNE  
BROWNJOHN, STRELSA BOYCE, ANNE COOPER, YVONNE DEW,  
ANN HANNA, IDA LINWOOD, NANDA WATSON.

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## PRESIDENTS AUCKLAND INSTITUTE AND MUSEUM

1867 F. Whitaker	1903 Professor A.P.W. Thomas
1869 Hon. T.B. Gillies	1906 Professor F.D. Brown
1870 Rev. Dr A.G. Purchas	1907 E.V. Miller
1871 T. Heale	1909 Professor C.W. Egerton
1873 Hon. T.B. Gillies	1910 Dr R. Briffault
1874 Sir G.A. Arney	1911 J.H. Upton
1875 J.C. Firth	1912 Professor H.W. Segar
1876 Hon. T.B. Gillies	1913 C.J. Parr
1877 R.C. Barstow	1915 Hon. Sir E. Mitchelson
1878 T. Heale	1917 J.H. Gunson
1879 Rev. Dr A.G. Purchas	1926 H.E. Vaile
1881 T. Peacock	1931 A.G. Lunn
1882 E.A. MacKechie	1933 Professor H.W. Segar
1883 Rt. Rev. Dr W.G. Cowie	1934 Sir Cecil Leys
1884 H.G. Seth Smith	1935 A.T. Pycroft
1885 J.A. Pond	1936 Sir Carrick Robertson
1886 Professor F.D. Brown	1938 C. Reginald Ford
1887 Professor A.P.W. Thomas	1940 Dr W.A. Fairclough
1888 S. Percy Smith	1942 A.H. Johnstone
1889 J. Martin	1944 J.C. Rennie
1890 J. Stewart	1947 Hon. T. Bloodworth
1891 Professor F.D. Brown	1949 F.L.G. West
1893 Professor C.A.M. Pond	1952 Professor L.H. Briggs
1894 J.H. Upton	1955 J.W. Kealy
1895 Professor A.P.W. Thomas	1958 J.H. Rose
1896 D. Petrie	1961 J. Seabrook
1897 Dr E. Robertson	1964 S.G. Brooker
1898 Prof. H.A. Talbot-Tubbs	1967 Dr H.C. Holland
1899 J. Batger	1970 Lt.-Col. A.R. Hughes
1900 Professor H.W. Segar	1973 G.W. Frater
1901 J. Stewart	1976 Dr J.D. Atkinson
1902 Dr E. Robertson	1980 Dr R.H.L. Ferguson

DIRECTOR EMERITUS  
E.G. Turbott, Q.S.O., M.Sc., F.M.A.N.Z.

## REPORTS TO MEMBERS

### President

It is pleasing to be able to report on a satisfactory year for all the Museum activities.

### Council

Following the 1980 Amendment to the Museum Act, there were a number of changes to the representation of local authorities on the Museum Council. Newly appointed or elected members who took up their positions on Council at the beginning of the year were Mesdames N.B. Lewis and P.E.M. Phillips, and Messrs G.D. Barnaby, K. Flavell, D.M. McCartie, I.D. MacKinlay, M.H. Pritchard and P.C. Yearbury. These members have entered with enthusiasm into the work of the Council and I am grateful to them for their efforts. Members will recall that the statutory local authority representation on the Council is now only from those local authorities within the Auckland Regional Authority district.

At the Annual General Meeting in September, an election was held for two members of Council to represent members of the Institute and Museum. Professor R.N.H. Bulmer and Mr R.B. Sibson were elected and I would extend my congratulations to them. Mr H.M. Horton, who had been appointed to fill a casual vacancy, was unsuccessful in his bid for re-election. The Museum is grateful to him for his service during the year.

### Membership

The roll has changed as follows:

	As at 31.3.81	As at 31.3.82
Honorary Life Members	14	14
Life Members	681	682
Ordinary Members	1220	1230
	<hr/> 1915	<hr/> 1926

### Awards

Three members were honoured by Her Majesty the Queen during the year and our congratulations are extended to them: Mr Brian Brake, O.B.E., Sir Allan Hellaby, K.B. and Mr J.B. Horrocks, C.B.E.

### Obituary

We record with regret the deaths of the following members: Dr B.J. Bowden, Mr H.A. Craig, Mrs E.B. Wayne, Miss A. O'Neill, Mr G.B. Bell, Mr H.R. McKenzie, Mr E.H. Everton, Mr R. King, Rt. Hon. Sir Alfred North, Mr N.A. Maffey, Mr C.A. Eden, Mr E.A. Burton, Mrs A. Farnell, Miss F.I. Hunt, Col. N.L. Macky, Mrs S.M. Reed, Sir R. Smythe.

Mr H.R. McKenzie had been a member of the Institute and Museum since 1948 and was its Associate Ornithologist between 1968 and 1972. His work at the Museum and his continuing support of it through his interest in birds has been greatly appreciated.

Mrs Sylvia Reed, the Museum's Associate Ornithologist, died in December. Mrs Reed worked at the Museum for ten years and had been very active in

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ornithological work throughout the region. The liaison Sylvia maintained between the Museum, the ornithological community and the public at large, was a most valued contribution to the work of the Museum. Her courage and devotion to her work during the period of her long illness won the admiration and respect of all who knew her and especially her colleagues at the Museum, who always saw her smiling and cheerful in spite of her difficulties. She will be sadly missed.

## Institute Meetings

Attendances at Institute lectures have improved this year, though they still remain at a low level. The Institute Committee has introduced the innovation of a lunchtime lecture in the winter months and the success of this year's trial suggests this should be repeated in future years. As previously, the lectures have continued to be of a high standard and thanks are recorded to the following lecturers: Mr T. Cohen, "Museum Display"; Mr E.G. Turbott, "Islands of the Hauraki Gulf"; Dr. H.J. Percival, "Earth and Fire, the Chemistry of pottery"; Dr N.J. Prickett, "Archaeology of the New Zealand Wars"; Professor J.C. Probert, "Cancer, its treatment" (annual Medical Association lecture); Professor M.C. McGlashan, "The Role of the Chemist in the Energy Upheaval" (New Zealand Institute of Chemistry Jubilee lecture); Mr R. Lockley, "Endangered Species of New Zealand"; and Messrs Muir, Park and Simmons, "Treasures of the Museum".

## Finance

In my report last year, I foreshadowed the future benefits of the 1980 Amendment to the Museum's empowering Act. Although the severe financial constraints incurred under the 1979 Act are behind us, their effects will continue to be felt for some time yet. The Museum's finances are on a more secure and realistic basis than previously, but escalating costs are nevertheless a matter of considerable concern to Council Members.

The Institute and Museum is greatly heartened by the support shown for it by the local authorities within the Auckland Regional Authority district, who have all had greater financial commitments to the Museum as a result of the Amendment. Valuable assistance has also been received from many provincial local authorities, who have made voluntary contributions.

The Museum Council, I believe, provides an administration that is cost-effective in the discharge of its functions. Present and planned programmes are subject to the closest financial scrutiny. The Council considers that local authorities are getting a very good return from their contributions made on behalf of ratepayers and the public.

The major programme of replacement of the metal window frames of the First World War Memorial building has been completed during the year. The programme has extended over several years and has cost nearly a quarter of a million dollars. This sum came partially from the Museum budget, but a large measure of support was received from an appeal to members of the Institute and Museum and from a Door Appeal to museum visitors. The Museum is very grateful to all those who gave their support and is pleased that this major item of maintenance expenditure is completed. The repairs to the pointing of the stonework of the



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building have continued to be carried out in conjunction with the scaffolding of the building for the window repairs. This work, which was made possible through the generosity of the Sir John Logan Campbell Trust, will be completed during the coming year.

Members have again continued to give their generous support to the two special funds, the Members Library Purposes Fund and the Members Specimen Purchase Fund; a very fine *hei-tiki* purchased from one of these funds features on the cover of this report. Several other items purchased from these funds are mentioned below and we are very grateful for this assistance in enabling us to purchase items which would not otherwise be possible.

No museum display is permanent and the upgrading of the presentation in the Maori Court and galleries is overdue. This work cannot be fully funded by ratepayers and it is essential that we attract public spirited citizens, institutions and companies into supporting this redevelopment.

### Gifts, Grants, Bequests

The Board of Trustees of the Auckland Savings Bank supported most generously the Museum project to improve disabled access to the Museum with a grant of \$5,000. The Savings Bank had several years ago assisted the Museum with the construction of the ramp at the front steps and this further support is gratefully acknowledged. A toilet facility for disabled persons has been provided and plans are in hand to provide ramped access over the steps within the Museum foyer.

The Scientific Research Distribution Committee of the Lottery Profits Board of Control has continued to support the scientific work of the Museum staff. Several projects funded earlier have been carried to completion during the year. In addition, Mr Wise received a grant of \$12,000 towards the purchase and field expenses of a vehicle to support a programme of research into the invertebrate fauna of forest remnants in northern New Zealand. The project is a continuation and expansion of a study undertaken in the 1960s.

The Disney Art Trust made a most generous grant of A\$6,000, which, as Mr Muir reports below, has greatly assisted the Department of Applied Arts in the purchase of objects for its displays. The Museum's gratitude to Mr Charles Disney for the continuing generosity of the trust is gratefully acknowledged.

The Department of Internal Affairs has made several grants to the Museum this year. The amount received in recognition of the Museum's responsibilities under the Antiquities Act was increased to \$5,000 in recognition of the Museum's increased costs in this area. A further grant from the Museums and Art Galleries Scheme Fund was received in support of the Museums Liaison Officer in her work with local museums throughout the province. A major development was the support offered to the development of the Museum's conservation staff and facilities, referred to by Mr Park, below. A full subsidy on one position, a two-thirds subsidy on another and an indication of likely support for developing laboratory facilities in conservation is most worthwhile assistance in this important area of the Museum's activities.

A grant of \$746 from the Sir John Logan Campbell residuary estate, together with grants received previously from the J.R. McKenzie Trust and the Oceans Society, was used to provide equipment to assist the Museum Education Ser-



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vice. As Mr Ensor reports, these grants have been most useful in supporting the Education Officers in their activities with children.

A further disbursement was received from the estate of the late Miss R.M. Peek.

We acknowledge with gratitude monetary donations received during the year from the following: Mrs M. Albrechtsen, Atlantic and Pacific Travel, Mr C. Coe, Maungatoto Primary School, New Zealand Government Tourist Bureau, New Zealand Indonesian Association, Mrs N. Teal, Wesley Intermediate School, Mrs R. White and three anonymous donors.

## Local Authority Contributions

Statutory contributions under the Auckland War Memorial Museum Maintenance Act 1979, as amended, were received and in addition, voluntary contributions were received from provincial local authorities as follows:

### Statutory:

Auckland City Council	208,954.00
Birkenhead City Council	18,646.00
Devonport Borough Council	10,967.00
East Coast Bays City Council	28,744.00
Ellerslie Borough Council	6,490.00
Franklin County Council	21,332.00
Glen Eden Borough Council	6,020.00
Helensville Borough Council	582.00
Henderson Borough Council	7,673.00
Howick Borough Council	13,814.00
Manukau City Council	142,871.00
Mt Albert City Council	21,531.00
Mt Eden Borough Council	15,763.00
Mt Roskill Borough Council	29,698.00
Mt Wellington Borough Council	24,579.00
New Lynn Borough Council	9,520.00
Newmarket Borough Council	4,982.00
Northcote Borough Council	9,868.00
Onehunga Borough Council	17,594.00
One Tree Hill Borough Council	20,489.00
Otahuhu Borough Council	9,737.00
Papakura City Council	16,823.00
Papatoetoe City Council	17,787.00
Pukekohe Borough Council	5,027.00
Rodney County Council	32,177.00
Takapuna City Council	75,017.00
Tuakau Borough Council	772.00
Waiheke County Council	1,772.00
Waitemata City Council	63,925.00
Waiuku Borough Council	1,846.00

Total 846,000.00

### Voluntary:

Cambridge Borough Council	150.00
Dargaville Borough Council	200.00
Great Barrier Is. County Council	100.00
Hamilton City Council	3,500.00
Hauraki Plains County Council	300.00
Huntly Borough Council	400.00
Kaitiaki Borough Council	150.00
Kawerau Borough Council	300.00
Mangonui County Council	133.90
Matamata Borough Council	346.00
Matamata County Council	2,500.00
Morrinsville Borough Council	100.00
Murupara Borough Council	50.00
Ngaruawahia Borough Council	350.00
Ohinemuri County Council	250.00
Otorohanga District Council	1,350.00
Paeroa Borough Council	150.00
Piako County Council	600.00
Putaruru Borough Council	200.00
Raglan County Council	500.00
Rotorua District Council	500.00
Taumarunui Borough Council	100.00
Taupo Borough Council	500.00
Tauranga County Council	400.00
Te Puke Borough Council	160.00
Thames-Coromandel District Council	300.00
Tokoroa Borough Council	505.00
Waihi Borough Council	250.00
Waikato County Council	3,300.00
Waipa County Council	300.00
Waitomo District Council	1,000.00
Whakatane District Council	1,100.00
Whangarei City Council	3,334.00
Whangaroa County Council	150.00

Total 23,528.90

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## Attendances

Attendances have fallen somewhat again this year, a phenomenon being experienced by many museums and similar institutions. Nonetheless, the figure of 1,329,537 people attending the Museum during the year is a mark of the considerable affection with which the Museum is regarded by local people and the respect with which it is viewed by visitors from other parts of the country and from overseas.

In conclusion, on behalf of members, I wish to thank all staff for their efforts and congratulate them on a successful year's work for the Museum and our visitors.

R.H.L. FERGUSON

## Chairman of the Trust Board

The year has not been an active one for the Trust Board since the secure and stable position of the Vaile property and the other investments has continued; details of the management of the Vaile building have again been attended to by the Director and the Accountant and only one meeting of the Board has been necessary during the year.

There have, however, been some changes in the membership of the Board. Two members, Dr E.H. Roche and Mr J.H. Rose, resigned from the Board in July after long periods of service to the Museum. Dr Roche served on the Trust Board from 1975 until 1981. He was a member of the Institute and Museum Council from 1962 until 1977 and was Chairman of its Museum Committee from its inception in 1964 until 1976. Mr Rose was appointed to the Board in 1966 and served until 1981. He joined the Institute and Museum Council in 1951 and was a member continuously until 1970; he was President from 1958 to 1961 and, subsequently, Vice-President. Mr Rose was elected an Honorary Life Member in 1977. Both these men have served the Trust Board well through their interest and their wise counsel and the Museum and the Trust Board, in particular, have placed on record their appreciation of this service.

In August, the Institute and Museum Council appointed Dr J.D. Atkinson to fill the vacancy left by Mr Rose and, at a General Meeting in September, Mr M.P. Hay was elected to fill the vacancy left by Dr Roche.

The total of invested funds now stands at \$893,472.

R.E. THOMAS

## Director

### Staff

The death of Mrs Sylvia Reed, the Associate Ornithologist, has been referred to by the President. Council decided to make the position of Ornithologist a fulltime one, in recognition of the importance of this area of the Museum's activities and collections. Several promising candidates for the position were interviewed and an appointment was made in May 1982.

Leo Cappel retired from the staff at the end of the year. Mr Cappel joined the Museum staff in 1964 and, during his long period of service as Preparator,

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The Museum staff in 1981.

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created many of the memorable displays to be seen in the Museum. In particular, the Bird Hall displays, notably the Little Barrier Island diorama, and the Rangitoto diorama and working model in 'Auckland Landscapes' are magnificent examples of the lasting effect Leo has had on the visible face of the Museum. He has also become increasingly involved in a less visible side of museum work in more recent years, applying his skills to a wide range of conservation tasks on artefacts from this Museum and others throughout the province. Leo has retired to fulfill a longtime ambition, to become an itinerant maker of musical instruments, sailing the Pacific on the yacht he has built. The Museum wishes Leo and his family every success in this venture.

Sherry Reynolds was appointed to the newly created position of Museums Liaison Officer, referred to in last year's report. Ms Reynolds has established a good liaison with local museums throughout the province, of which there are over ninety, offering them advice and access to information or specialist services. Sherry's previous experience suits her well to the post; an M.A. degree in Anthropology from Auckland University and the Diploma of Teaching. She has also been closely involved voluntarily with the Devonport Museum.

Ms Gillian Chaplin was appointed to a new position within the Display Department of the Museum. Her appointment brings the number of display staff to three, still very small for a museum of our size. Gillian holds a Master of Fine Arts degree from Auckland University and has experience in several gallery and display fields. She has quickly become a valued member of the Museum's display team.

Two members of staff gained further university qualifications during the year. Nigel Prickett, the E. Earle Vaile Archaeologist, completed his thesis on the archaeology of the New Zealand War period in Taranaki and was awarded a Doctorate in Philosophy from Auckland University. Another Auckland degree, M.Sc. in Botany, was awarded to the Museum's Botanist, Anthony Wright, upon completion of his thesis research into the genus *Beilschmiedia*. Congratulations are offered to both these staff members.

Sandra Othams left to return to Australia and she was replaced as Director's Secretary by Mrs Gaye Powell. Mrs Verna Doyle retired from the position of Receptionist-Telephonist and was replaced by Mrs Maureen Taylor.

The Museum has been well served by a number of temporary assistants employed under the Project Employment Programme and the Student Community Service Programme of the Department of Labour. These have included: Naomi McNeill, Ross Matheson, Tom Northey, Brett Peacock, Dwyllis Powell, Mick Pendergrast, Peter Quin, Kathryn Rowntree, Jeff Sissons, Jeffrey Spiro and Tim Walker (P.E.P.); Steven Barlow, Greg Burke, Peter Ellingham, Susan Evans, Clayton Fredericksen, Fiona Hassan, Ian Jervis, Jeff Malpas, Fiona Pardington, Sharon Reilly, Fiona Shannon, Rochelle Simmons, Jeff Sissons, Gavin Smith, Pia Tamahori, Philippa Werry, Peter Whitehead (S.C.S.P.). Because of the value of the work carried out under these schemes and the experience gained by those employed under them, the Government's decision to abolish the Student Community Service Programme is greatly regretted.

The Museum Staff Social Club has undergone a revival this year, after a period of inactivity. An enthusiastic committee under the chairmanship of An-

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thony Wright has organised a number of successful occasions and events. A feature of these has been the way that staff from all sections of the Museum have participated together. As Director, I am very grateful to the Social Committee for its efforts.

## Conservation

Conservation, the care of the items of material culture for which it is responsible, is a major part of the work of any Museum. Regrettably, New Zealand museums have been slow to develop their skills and expertise in this area. While individual members of staff have given good care and attention to the collections they curate, insufficient training and inadequate facilities have meant that many necessary tasks have remained undone. In recognition of these needs, museum interests in New Zealand have enlisted Government support through the avenue of an Advisory Committee to the Minister for the Arts on the Conservation of Material Culture. The committee has allocated funds for the training of New Zealanders in conservation skills at overseas institutions, for the establishment of museum positions for these people on their return here and for the equipping of conservation facilities.

Leo Cappel increasingly came to use his expertise in solving conservation problems, both within the Museum and on behalf of smaller provincial institutions. The Museum Council decided that it would fulfill this commitment by creating a full Conservation Department within the Museum. Mr Cappel's position will be filled by a fully trained conservator as head of the conservation laboratory. With the help of a diminishing subsidy from the Minister's committee, another position has been established, to which Mr Gerry Barton, a New Zealand graduate who had been sent for conservation training to Rome and Toronto, has been appointed. In addition, Ms Georgina Christensen was placed at the Museum for a one-year period by the committee to enable her to broaden her experience. Ms Christensen is a former assistant director of Taranaki Museum, who received her conservation training in London.

The next stage of the development of conservation at the Museum is the provision of a conservation laboratory. Planning is well underway for this and the laboratory should be completed in 1982-83.

## Display Programme

Following the completion of the 'Auckland Landscapes' installation, the Museum has been considering a long-term plan for the development of its display galleries. After due consideration, Council adopted a scheme which gives priority in the immediate future to the redevelopment of the Maori display galleries. Auckland Institute and Museum has one of the finest Maori collections in the world, but its displays fail to do justice to the magnificent material. Major redisplay is planned over the next three years to remedy this situation. Preliminary planning is well advanced and the first displays are under construction. Following the Maori galleries, the plan calls for the redevelopment in the medium term of the large natural history galleries in the centre of the first floor — the Geology and Botany halls.

This long-term planning does not mean, however, that other areas of the Museum will be neglected. Particularly during the planning stages, oppor-



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tunities will exist, and are being taken advantage of, to renovate some older displays and complete some unfinished ones.

In addition, an active programme of temporary exhibitions has been held in the Special Exhibitions Hall. These provide an extra attraction to the Museum visitor and remain very popular. Once again, Mr Wolfe and his staff are to be congratulated on the high standard of these exhibitions.

### Publications

This year has been an active one for the Museum in publication. A new handbook "The Botany of Auckland" was produced and has met widespread acclaim. Written by Lucy Cranwell Smith, the Museum's Honorary Botanist, "The Botany of Auckland" is a profusely illustrated guide to the plant life of the Auckland region written in a way which makes it of value to anyone interested in the plants around them. The book is a much enlarged and revised version of handbooks of the same title written by Lucy Cranwell and Arnold Wall in 1936 and 1942. The Museum is very grateful to Lucy Cranwell Smith for her generosity, both in handing to the Museum the copyright in the book and for contributing substantially towards the costs of its production. Thanks are also expressed to many people in New Zealand who have assisted in the production of the book in many ways, including editorial work, providing illustrations and design and production work.

"Woven Treasurers" by Nigel Bullough was produced as a handbook to accompany the special exhibition of *ikat* weaving from Indonesia and the Philippines held in April. The Museum is grateful to Mr Bullough and other owners for the loan of material for this exhibition, to Mr Bullough for the writing and illustration of the handbook and to Ciba-Geigy (NZ) Ltd for a grant-in-aid of its publication.

"Auckland Museum News" was produced four times during the year and continues to provide Institute members with news and information about events and activities of the Museum. A new guide leaflet to the Museum was produced, which is designed to help visitors find the displays they are particularly interested in and tell them something of the history of the Museum. The leaflet was also published in Japanese for the benefit of this largest group of non-English speakers among the Museum's visitors. Another addition to the folders describing parts of the collections was "Maori Tribal Carving Styles" by Dave Simmons. In simplified form in this leaflet, Mr Simmons presents the essential features that distinguish thirteen of the major tribal carving styles that display marked regional variations. This leaflet foreshadows what will be a major theme of the new Maori galleries now in the planning stages.

The *Records* Volume 18 was published on December 18, 1981 and contained four papers on archaeology and ethnology by D.R. Simmons, W.J. Harsant and I.W.G. Smith; a botanical paper by E.G. Bangerter; and four papers on zoology by W.O. Cernohorsky, J.B. Keall and R.J. Rowe. The Museum is again very grateful to Mr Wise, as Editor, and to the Editorial Committee, Professor Green, Professor Newhook and Miss Robb.

May I conclude by expressing to the Museum staff my gratitude for the

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positive way in which they have tackled their duties during the past year and for the very cooperative attitude which exists at the Museum.

G.S. PARK

## Assistant Director and Ethnologist

The number of requests for me to speak, take tours of the museum galleries or of historic and archaeological sites within the region, has increased. Most of the outside tours were made at the weekends. My attendance was also requested at four kaumatua whare wananga sessions held on marae at Orakei, Bay of Islands, Gisborne and Mangatu. In all, forty-four lectures were given to various organisations including guest lectures in the History, Anthropology and Fine Arts departments of the University. Guided tours of the Maori and Pacific hall displays and reserve collections were given to eighteen formal groups and many smaller informal parties of interested people. Tours of the volcanic hill pa of Tamaki and other sites of interest were taken on eighteen occasions. Lectures at centres outside Auckland, which involved considerable travel, totalled fourteen.

I was re-elected to the Council of the Polynesian Society and attended meetings in Auckland and Wellington. Wellington was also the venue for meetings associated with the proposed exhibition of Maori art in the United States which was to begin at the end of 1983 but is now postponed until 1984. I am convenor of the curatorial committee, an author for the exhibition catalogue book and the preparer of captions for the one hundred and ninety-six objects to be included in the exhibition. This exhibition has already involved considerable travelling to and from Wellington.

A television documentary prepared by Gordon Ell and titled "The People Before" based on my book "The Great New Zealand Myth" and subsequent research, has been shown. It has received a very good reception from all sections of the public. A book on Maori carving entitled "Whakairo. Maori Tribal Art" is in the hands of the publishers, Oxford University Press.

The most notable discovery during the year was a lintel, in two pieces, found on different sides of the Waihou River near Puriri, Thames, by Clive Smith and Greg Way. The lintel had apparently been hidden in the mid 19th century. At the request of both finders, custody of the lintel, under the Antiquities Act, has been awarded to Auckland Museum. The lintel is carved with iron tools in the Ngati Porou style of the East Coast. Enquiries as to its history were made to knowledgeable elders. The lintel was part of a koha made by the Ngati Porou people to Ngati Maru on the occasion of an important marriage which took place between 1830 and 1832. The lintel was probably placed for safekeeping in the banks of the Wharepoa or Omahu Stream until it was disturbed by the floods of March 1981. The two pieces fit together and have not been in the water for any length of time. Conservation of the lintel has now almost been completed. When it is ready it will be taken to Mataiwhetu marae at Thames for the Ngati Maru to see before being finally placed in the museum.

Other important accessions to the collections include a model meeting house doorway made by a Tuwharetoa carver before carving a house, which was later erected for the paramount chief of that tribe. At a later date, in order to express

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friendship, it was presented to Wiremu Pou, chief of Ngati Pou at Tuakau. This koha was made between 1856 and 1858. It, together with some post carvings made at the time, were hidden in a swamp during the Waikato war of 1863. Included in the cache was the tekoteko of Wiremu Pou's house in Waikato style. As far as I am aware, the model doorway is the only one which has survived and which is truly an architectural model.

The museum has purchased, through the E.E. Vaile bequest, a rare dog shape bowl made with stone tools. It originally came from the Te Puke area. There are only eight dog shape bowls known; of those made with stone tools, two are in Dresden Museum in East Germany, one in the Peabody Museum, Harvard, Mass., U.S.A. and this one. The others, made with metal tools, are copies made by the Ngati Tarawhai carvers of Rotoiti and are in Cambridge, Dunedin, Sydney and Dresden. The Te Puke bowl now in Auckland Museum differs from the others in that the bowl has human characteristics. In Arawa tradition Toi te Huatahi caught and ate Potakatawhiti, dog of the ariki Uenuku. This was one of the incidents which led to the Arawa canoe leaving Hawaiki. When Uenuku called his dog it replied from within Toi's great belly. As a punishment Toi te Huatahi was changed into a dog. Dog shape bowls come from the Bay of Plenty where they are given the name Potakatawhiti and are used to serve food to chiefs. The Te Puke bowl would seem to be a very special bowl in that it represents a man-dog who is almost certainly Toi te Huatahi and would be used to serve only the ariki, the paramount chief of the Arawa tribes.

Mr Mick Pendergrast, a noted expert on Maori basketry acted as the agent of the museum for the collection of the work of Maori weavers working today. The kits and other items are accompanied by notes relating to the weaver, her training, range of material and her techniques. This will be an important resource for future weavers. In many cases the weavers presented good examples of their work to the museum collections. In this respect we would particularly like to thank: Mrs Sarah Richmond, Mrs Riria Toni, Mrs Mania Peters, Mrs Edna Mihaere, Mr Dave Peters, Mrs Ethel Parata, Mrs Lena Nukunuku, Mrs Honour Rickard, Mrs Renata Tihore, Mrs Wiha Morehu, Mrs Ani Heath, Mrs Biddy Konui, Mrs Genevea Gray, Mrs Charlotte Waara, Mrs Girle Ngata.

D.R. SIMMONS

## Curator of Applied Arts

Some displays have been re-organised, and others changed from time to time. Mrs Diana Annandale and Mrs Val Penlington, representing the Auckland Weaver's Guild, have continued to provide interesting changes of handwoven craft work in the two cases allocated to the Guild in the Logan Campbell Gallery. In June, about fifty pieces of studio pottery from New Zealand and abroad went on display in the Logan Campbell Gallery to illustrate the acquisition policies of the Museum and of the Auckland Studio Potters Inc. during the previous two years. The selection showed something of the Museum's indebtedness to the Studio Potters and to the Disney Art Trust for making important and frequent additions to the collection possible.

Considerable progress has been noticeable in the development of the glass collection. There has been some re-organisation of the displays, especially to



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allow for the exhibition of the small collection of contemporary glass. This is predominantly New Zealand in origin and reflects the rapid and recent advances being made by artist-craftspeople in this medium in this country. The Museum's collection, purchased with Funds made available by the Disney Art Trust, was displayed to coincide with the first New Zealand national Glassmakers Conference which was held in Auckland in August. Following the conference, seventeen pieces made by Professor Richard Marquis of California while he was in Auckland to give lectures and demonstrations, were displayed in the Logan Campbell Gallery and attracted a great deal of interest. One piece, a decorative coffee-pot, was purchased for the Museum's collection, and a laticino-type decorative non-functional teapot which had been presented by Professor Marquis to the New Zealand Society of Glassmakers was presented by the Society to the Museum. Both pieces, which are important examples of modern international glassware, are on display.

The Disney Hall of English Furniture was the venue in April and May for an exhibition of musical instruments, old and new, mounted by the Auckland Early Music Society. Antique pieces of fine quality were shown alongside modern reproductions made in New Zealand. An important outcome of this event was the formulation of a policy within the department to develop a collection of European and New Zealand instruments. One of the more important collections of silver which had been on loan for quite some time was uplifted during the year. The removal of the Gunson Bros Trust Collection, almost all of which had been on public exhibition, required the re-organisation of most of the silver display, though this is now hardly noticeable due to the number of loans and gifts in the past year or two, which have more than made up for the losses. Five rugs which were on loan have also been returned to their owner, requiring replacements in the Furniture Hall. These have been met by recent purchases and items from the reserve collection.

Mrs Smith has been working for some time making a copy of the needlework cover on a Queen Anne chair which is displayed with the Furniture Collection. This is painstaking work requiring great skill and accuracy. The cover is half-finished, and when it is completed the original will be removed for conservation. Equal care has been given by Mrs Audrey McBirney to the silver and pewter collections, the furniture and the cataloguing of accessories to the collection. Our thanks are due once more to the Hon. Curator of the Furniture Collection, Mr W.H. Ross-Lowe for maintainance of the collection at the highest possible level of presentation, and in enthusing visitors and guided groups taking advantage of his experience and knowledge.

There has been a constant need for the identification of objects, the supply of information, special visits, lectures, talks, and guided tours which have included visits by: the Auckland Porcelain Society; Mr Richard Shaw from California to study the ceramic collections; Leo King, President of the New Zealand Society of Potters; Mrs Gail Lambert from Taranaki to study New Zealand colonial pottery, especially pieces by Luke Adams; the Waiuku Pottery Group; the North Shore Historical Society; Mr Pierre Cafler from Raibaix France, to study items from the collection of Edouard Eugene Cafler, a pioneer settler of Whangarei; the Pakuranga Arts Centre Interior Design Group; the Auckland Historical Society; the North Shore Pottery Club; the Carrington

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Technical College Apprentices group; the Titirangi Community Arts Council; volunteers from the Howick Colonial Village; the Glenbrook Country Women's Institute; and Mrs Valerie Carson, Textile Conservator at the National Museum in Wellington.

As a result of Mrs Carson's visit, moves have already been made to improve Conservation techniques and the handling and display of the textiles and costumes. One of these was the removal of the two large drapes woven by Ilse von Randau in the 1950s and hung until recently in the Exhibition Hall entrance-hall. These have been cleaned and lightly restored.

The acceptance of loans to the collection has been heavily reduced to items of major importance only. These included the Leo Tattersfield Collection of Chinese Jade, a major deposit of some 150 pieces ranging from the archaic period to the nineteenth century, nine pieces of silver from Mr C. Stanbridge, a silver presentation cup which belonged to Major General R.H. Wynyard, lent by Mr R.L. Wynyard of Ellerslie, and contemporary New Zealand studio pottery deposited by the Auckland Studio Potters Inc.

Purchases made from the Specimen Purchase Fund and from the Disney Art Trust included an English oak coffer dated about 1660, two seventeenth century tapestries probably of English origin, two Indonesian textiles, a large ceramic vase by Don Reiz, (USA), a group of commemorative beakers, mugs, plates, cups and saucers marking the wedding of the Prince and Princess of Wales, several pieces of contemporary New Zealand pottery, including works by Catherine Anselmi, Graeme Storm, Roger Brittain, Mirek Smisek, Jill Totty, Dennis O'Connor, Lex Dawson, Campbell Hegan, Rick Rudd, Beverley Luxton, David Brokenshire, and Suzanne Catley.

There has been a steady stream of carefully selected donations added to the collection, among which the following appear as highlights: a cast-iron toy tricycle dated about 1870 from the estate of Lloyd Beeche; a mid-Victorian walnut veneer card table, presented by Mr and Mrs Q.E. Rutherford; a plate, formerly part of a dinner service belonging to Governor Hobson, presented by Mr John Stacpoole; a Nailsea double glass flask of about 1830, presented by Miss Y. Taylor; thirty-nine pieces of early New Zealand studio pottery from the Estate of Frances J. Hunt; a Chinese export ware plate with the arms of Lord Nelson from Mrs D. Gibbs; a nineteenth century loving cup from Miss E.M. Burgess; and a collection of fans, jewellery, boxes, dressmaking materials, clothing, kitchen utensils and colonial pottery from Mrs C.A. Ward.

B.D. MUIR

## E. Earle Vaile Archaeologist

During the year in addition to everyday 'housekeeping' of the archaeology collections there was useful extra work done by Clayton Frederickson and Brett Peacock under Labour Department Projects. Mr Frederickson worked for three months reorganising the gear store, preparing Taranaki samples for radiocarbon dating, cataloguing the extensive collection of field notebooks and doing other work in the department. Mr Peacock catalogued and shelved the Bill and Mavis Brambley Collection from Manukau South Head, and drew a large part of the collection for future publication.

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Two articles have been published in the *New Zealand Archaeological Association Newsletter*: on clay pipes from the Paremata site near Wellington and on Taranaki petroglyphs. An article on the archaeology of Maori dwellings was accepted for publication by the *New Zealand Journal of Archaeology*, and a report on Taranaki fieldwork in 1980 and 1981 has been submitted to the *Records*. The volume *The First Thousand Years: Regional Perspectives in New Zealand Archaeology*, of which I am editor, is with the printer and due to be published in May.

Fieldwork over the year has included three weeks in Taranaki in November and December, which saw the end of my pa mapping programme in the region from New Plymouth to Stoney River. In early January, I was able to spend eight days recording archaeological sites on the Chicken Islands in Bream Bay, for which thanks are due to the Hauraki Gulf Maritime Park Board and the Offshore Islands Research Group. I also attended the conference of the New Zealand Archaeological Association at Christchurch in May, where I gave a paper, and the annual meeting of the Museum Anthropologists Group in March. As the New Zealand Archaeological Association's nominee to the Board of the New Zealand Historic Places Trust and chairman of the Trust's archaeology committee, I have had to attend many meetings in Wellington. As editor of the *New Zealand Archaeological Association Newsletter* I have also been on the council of that Association.

Many talks on aspects of archaeology have been given over the year, including talks in the Museum lecture series and to the Friends of the Waikato Art Museum. In March I started a six week series of lectures on "Archaeology and the Natural Sciences" under the Continuing Education programme.

Honorary Archaeologist, Lady Fox, has been working on material excavated in 1966 at Maioro, South Auckland, by Professor Green and the University Archaeological Society. A full report has been prepared for the Museum *Records*. Fieldwork in the Maioro-Waiuku district has resulted. Other work has included the preparation of her Maori bone box work for publication and the writing of popular archaeological material for the New Zealand Historic Places Trust pamphlet series and the English magazine *Popular Archaeology*.

N.J. PRICKETT

## Botanist

Miss J.H. Goulding, Honorary Research Associate in Botany, has completed the text for her book on Fanny Osborne flower paintings, and submitted it to the publishers. Photographic copies of all known Osborne paintings are now held by the Museum, and those selected for use in the book have been loaned to the publishers. Mr E.B. Bangerter, Associate Botanist, has continued his weekly attendance to provide for the curation and building up of our adventive plant collections. Throughout the year I have been greatly assisted by Mr Bangerter, Mrs M.M.G. Wright, Dr A. Colina, Mrs J. Dow, Mrs C. Smith, Mr G. Straka and Mr P. Schofield who have provided almost continuous voluntary assistance in the Herbarium. There is no doubt that the work of the Department would be severely curtailed without this enthusiastic band of workers, and I wish to record my sincere appreciation of their efforts. Early in 1982, I completed a thesis

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entitled *A taxonomic revision of Beilschmiedia in New Zealand* for the degree of Master of Science.

Visitors to the Department have included several distinguished botanists passing through Auckland either before or after the International Botanical Congress in Sydney in August 1981. A number of local scientists have worked on our collections, as well as six post-graduate students from the University of Auckland who have completed part of their thesis research in the Herbarium. For the first time in many years, the Auckland Botanical Society has held an evening meeting in the Herbarium. It was a pleasure to host this group, particularly since amateurs provide a very significant input into the knowledge of New Zealand's botany.

Through the Offshore Islands Research Group and the Auckland University Field Club I have been able to visit Little Barrier Island, Mayor Island, Rimariki Island, the Chickens Islands, and numerous small islands off Helena Bay and the Mimiwhangata Peninsula over the last year. These and other mainland field trips have yielded valuable additions to the Museum's collections. I have continued to respond to public, business, local body and police enquiries on a wide range of botanical and geological matters, and have given talks or conducted field trips for several school groups and amateur clubs.

I have continued to sit on the Council of the University of Auckland, and several of its committees, most notably the committee organising the University's centenary celebrations in May 1983, and am on the committees of the Auckland Botanical Society and the Offshore Islands Research Group. Meetings of the Government House Gardens Advisory committee, the Auckland Regional Authority Botanic Gardens sub-committee and Technical Advisory Committee have been attended regularly.

Significant increases in accessions of new specimens and exchange material were reported in the last Annual Report. These have been totally eclipsed by the 1981-1982 figures. Numbered collections increased by 5044 species lots to 158, 486 (2953 in 1980-1981; 1700 in 1979-1980). 2291 specimens from 10 institutions were received in exchange for 1366 specimens sent out to 12 herbaria (1071 specimens received from 6 institutions, 321 sent to 2 herbaria in 1980-1981). 16 outward loans of specimens to 6 herbaria were despatched, and 8 inward loans from 5 herbaria were received in the past year. Gifts of specimens have been received from many individuals and institutions. Most notable are those from Mr E.K. Cameron, Drs I. & O. Degener, Mr A.E. Esler, Dr R.O. Gardner, Dr & Mrs B.W. Hayward, the late Mr K.P. Olsen, Mrs M.A. Rogers, Mr P. Schofield and Mr G. Straka.

A.E. WRIGHT

## Education Officer

Summary of attendances for one-hour visits: Primary, 31,476; Intermediate, 11,586; Post Primary, 5,385; total, 48,447.

Planetarium: Primary, 2,475; Intermediate, 2,867; Post Primary, 2,817; total, 8,159.

Student Teachers on Section: Auckland Teachers College, 14.

Visiting Students for lectures, museum resources: North Shore Teachers Col-

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lege, 73; Auckland Teachers College, 347. Secondary Teachers College, 57; total 467.

Exchange of Museum loan cases: City schools, 673. Provincial schools, 1108.

Attendances have increased by 12% this year. Improved services for schools, new display material and the provision for extended visits are contributing factors. The display "Auckland Landscapes — past and future" has attracted attention. It is used in the geology, geography and early Auckland study areas of the curriculum. The Maori Court is ever popular.

With the closing of North Shore Teachers College fewer students from that college attended. Although few students from Auckland Teachers College came to the Museum on section, it is hoped that through improved liaison the College will encourage more students to use this Museum for sections and realize the value of this particular type of teaching and the skills that may be reinforced. To this end, the student facilities have been expanded by improved professional resources, environment and the provision of special teaching trolleys: The large number of students who used the Museum for curriculum studies and for reviewing the Museum teaching resources is encouraging.

With a view to more individual planning for all visiting groups "Guidelines for your Museum Visit" have been produced and, with other planning notes, are sent to the teachers of all groups visiting the Museum. This allows for a more sensitive and flexible approach to our support for teachers and pupils.

The Education Service feels that it is important to have clear, well presented information sheets and activity sheets for children and teachers to work with and is consequently using off-set printing processes to produce much material. To implement this, an electronic typewriter has been purchased with generous donations from the McKenzie Education Foundation, the Sir John Logan Campbell Residuary Estate and the Education Department. This typewriter has special functions that will assist in producing high quality material. Information sheets, activity sheets and plans were produced for Auckland Landscapes, Colonial studies, N.Z. Bird Hall, Pacific Hall, Maori Court and Geology Hall.

Several groups of teachers have used the Education Service for in-service work. Visits to schools, such as Homai College, were made, outlining our services.

The Education Officers attended a two day Museum Education Course at M.O.T.A.T. in February. The 17 members discussed mutual problems in our institutions and formed the Museum Education Association of New Zealand. I attended the Biennial Conference of the Museum Education Association of Australia in Melbourne in August. This was a worthwhile and stimulating conference, both countries having similar problems in museum education.

The collection of artefacts for children to handle has been expanded. The Education Service is indebted to the Education Department for its grant of \$400 for materials to improve storage facilities. Two 30 drawer units and 6 special purpose trolleys for storage and demonstration have been built. Sets of slides have been produced showing N.Z. geological features and the natural environment of fish. Overhead transparencies have been produced for the geology, Maori and Teachers College student education. Further rare Archaic Maori



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artefacts have been replicated in fibreglass using funds from the McKenzie Education Foundation Fund.

The manufacture, distribution and general maintenance of Museum Loan Cases has continued to function smoothly under the care of John McCaw and Pamela Towers. The cases have been in constant demand by both city and provincial schools. John McCaw has spent the majority of time this year in upgrading display cases and renewing display panels. Some conservation work has been necessary on artefacts.

The Education Service would like to extend thanks to the Education Board for its efficient administration of our services to schools, and to the Education Department for its professional advice and financial help by way of special grants.

J.S. ENSOR

## Entomologist

Following the provision of a grant by the Lottery Board of Control Scientific Research Distribution Committee, I spent the period from 22 March to 30 April 1981 in Australia. The main purpose of this visit was to carry out research work in the South Australian Museum Entomology Department, Adelaide, on Macquarie Island Collembola (springtails), with a colleague, Ms Penelope Greenslade, who is a specialist on Collembola which are a primitive group of tiny Hexapoda. Because Macquarie Island is administered by Australian authorities some Collembola collected by Australian expeditions had been received and examined by her. In view of my own specialisation on Antarctic-subantarctic Collembola and work on the faunas of subantarctic islands south of New Zealand, as well as my previous examination of other collections from Macquarie Island, it had seemed best that we co-ordinate our work. I travelled to Adelaide via Sydney and Melbourne spending time in the Museums and particularly their Entomology Departments in each of those two cities on the way. Three weeks in Adelaide were mainly spent examining Macquarie Island Collembola in the Museum Entomology Department, and the Museum itself was visited. During a period of leave I called on the Entomologist at the Western Australian Museum, Perth. Only a brief visit to Canberra was possible but full use of a day there was made at the Entomology Division, C.S.I.R.O., particularly with Entomologists in the Australian National Insect Collection section.

Collaboration between Ms Greenslade and myself is continuing on Macquarie Island and other southern Collembola. We have now recognised over 20 species in the Macquarie Island group. I am also studying further southern and New Zealand collections.

A further grant by the Lottery Board of Control Scientific Research Distribution Committee was given in 1981 for provision of a research vehicle to be used on a long-term project. Consequently a new Subaru four-wheel drive station wagon was purchased in November 1981.

This project, on ground faunas of forest remnants, continues work done in the 1960s and 1970s, mainly in North Auckland, and extends it to areas south of Auckland. Field trips have been made southwards including Mt Ruapehu in December 1981, to North Auckland in January 1982, and to the Raglan-Kawhia area, the Whangarei Heads area and the Thames area in March. Several more

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local one-day collecting trips were also made to Orere Pt and to various places on the Manukau Harbour and in the Waitakere Ranges including the Huia area. During all these, general collecting was done with the use of nets and by visual searching. In addition, 144 plant/soil samples were taken for faunal extraction.

Following an Auckland Savings Bank grant we have been able to obtain four insect cabinets made to order. Two of these have been immediately filled with prepared exotic collections and the others allow for expansion of the New Zealand collections.

Mrs Jenny Gurr has continued her curatorial work in the Department; she prepared and sorted some large exotic collections as well as the usual incoming New Zealand material including an interesting collection presented by G.A.H. Helson of Auckland. Fiona Kay BA assisted with recording and editing for several weeks from August to September 1981.

Under the Project Employment Programme, Thomas Northey BSc worked on spirit collections from May to September, and under the Student Community Service Programme, Gavin Smith gave technical assistance in December and January. Currently, under the PEP, Peter Quin is illustrating insects and Jeffrey Spiro MSc is assisting with field and resulting work. All this extra assistance is of great benefit to the Department.

Loans of invertebrates to specialists have included a large series of Australian Buprestid beetles to Dr Shelley Barker, University of Adelaide. Dr K.W. Duncan, University of Canterbury, visited the Department to examine our terrestrial Amphipoda and subsequently was given a large loan of this material. Mr J.S. Dugdale, Entomology Division Auckland, has progressively borrowed small series of our Lepidoptera type specimens in order to photograph and record them; he has now completed this work on 85 types.

In addition to the above-mentioned projects on Collembola and faunas of forest remnants, other research projects are continuing on insect dispersal, particularly ship-trapping with the assistance of Captain J.A.F. Jenkins, and on New Zealand/Pacific Islands Neuroptera, Odonata and other aquatic insects.

As usual the *Annual Report* and the *Records* were edited and produced; volume 18 of the latter was published on 18 December 1981. A considerable amount of time has been required to edit a manuscript and liaise with the printers towards the production of a forthcoming large *Bulletin* by Mr Simmons.

K.A.J. WISE

## Extension Officer

Renovation of the circulating displays continues. Mr Gossage has completed the revision of "Decorative Arts of the Maori", "Fishing Old and New", "The Axe and the Adze" and with Ms Chaplin, "Erosion". Ms Chaplin is currently working on "Duck Food" and "Colour in New Zealand Plants". New displays made are "Pacific Shell Necklaces" and "Clam and Pearl Shell" by Ms Chaplin and "Maori Legends" by Mr Gossage. The production of these new displays has enabled us to establish two new display sites during the year, one at Rotorua Lakes High School and one at Kaitia Borough Council Office. These circulating displays are located throughout the Auckland area in public libraries, high

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schools, and local body offices and other places where the public gather. There are seventy-two sites where display panels are on continuous display, and we have a waiting list of nine organisations that wish to join in the scheme as soon as new displays can be made.

The lunch-time series of ten lectures entitled "Know Your Museum" which is organized in conjunction with the Auckland Workers' Educational Association was again held with a full roll, restricted in order to keep the group to a size suitable for visiting the store rooms and public galleries. Speakers were Mr Park, The Museum and its services; Mrs Smith, the Textile collection; Mr Cernohorsky, Shells as a Hobby; Mr Muir, Asian Ceramics; Mr Prickett, Archaeology and the Museum; Mr Simmons, Polynesian canoes; Mr Stephenson, New Zealand fishes; Mr Thwaites, The Museum library; Mr Turbott, New Zealand birds and Mr Wise, Exotic Insects.

Use of the Auditorium has increased with some seventy-four private bookings and fifty museum related functions. Special exhibitions have also increased. Our 1982 programme contains fifteen exhibitions and it appears that 1983 will be comparable. Fitting fifteen exhibitions into twelve months can be quite difficult as there are so few days on which the Exhibition hall is free and many of the exhibitions require special time slots for their displays.

Sales of our popular publications continue at a steady rate. Some six thousand books were sold by mail order in the past year and I would like to pay tribute to the dispatch and accounts departments for the way they have contended with the considerable work involved. Of all our popular publications, pride of place must go to *Native Animals of New Zealand* by A.W.B. Powell which is still selling steadily (sixteen thousand copies since the 1975 reprint) although it has been on the market since 1947.

The Planetarium continues to be a popular attraction in the Museum. There were 834 sessions during the year of which 170 were for schools. In addition special lectures were given to the Navigation Society and Auckland Teachers College Science Students.

J.H. WADHAM

## Liaison Officer

This is the first year of the Liaison Service and I took up my appointment in May, under a grant from the Art Galleries and Museums Scheme of the Department of Internal Affairs. Initially I allocated some time to familiarise myself with the Museum's resources, meet the staff and plan directions for the Service.

The area covered by the Liaison Service extends in the south to Taumarānui and north to Cape Reinga. The southern boundaries are not strictly adhered to as no Liaison Officer exists for the southern half of the North Island. Approximately 98 museums and related historical organizations exist in my area. Throughout the year I have undertaken a series of visits to museums in the Region. These visits were an excellent opportunity to establish personal contacts, to gain a perspective of the museological practices, identifying particular resource people and observing museum problems at first hand. I was able to supply advice and assistance for specific requests as well as gauging a general impression for future needs and directions.



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Requests for assistance have covered a number of areas and I have been fortunate to be able to draw on information from the museological literature held in the Library here and seek the assistance of our staff members, and of other individuals outside of the museum involved in related fields. Suggestions for displays and methods of presentation and interpretation were of considerable interest. Lighting techniques, labelling types and planning readable contents, methods of audio-visual presentation and case and panel constructions were mentioned. The importance of creating suitable conditions in which to display artefacts was stressed. Information was provided on aspects of the storage requirements of collections including the prevention of insect infestation. Of particular concern was the storage of textiles, photographs, maps, documents and ethnographic material.

Inquiries relating to finance, employment schemes and tourism were also received. I supplied information relating to possible sources for funding grants. The Labour Department Leaflets relating to work schemes were circulated, while projects operating in other museums were also discussed. There is an increasing interest in aspects of tourism amongst museum personnel, and a desire to create further publicity to attract visitors to their museums.

Registration methods in museums were examined. Over three quarters of the museums visited had some form of registration procedure working, there being some considerable variation with no real standardisation. Modifications were suggested for some methods while there were requests for assistance from others seeking to establish a system.

Aspects of museum security were of concern to museum personnel. A close liaison with local fire and police departments was encouraged. Questions relating to insurance, including policies for collections, were received. Museum groups operating current policies were able to supply relevant information to several organisations. In November I attended a meeting at MOTAT on Disaster Preparedness. I was appointed to the interim committee which was set up to investigate and propose an organisation that would be able to assist museums, art galleries, libraries and related institutions with their collections in the event of a disaster.

Information pertaining to the care, treatment and cleaning of certain items was of interest to a number of groups. Generally advice was able to be offered on my visits but in several cases the problems were of a more specialised nature and required specialist attention. The National Conservator, Ed Kulka at the Auckland City Art Gallery and Valerie Carson the Textile Conservator from the National Museum assisted with these particular problems. I have had contact with a local supplier of archival materials who had made some samples available to me for use in the field too.

A number of inquiries were received for information on planning educational programmes for school parties visiting museums. Liaison was established with the School Service here, who were particularly helpful in this direction.

I attended four seminars this year, the ARANZ "Photographic Seminar" in Wellington and the AGMANZ Seminars on "Textiles", "Security" and "Preventative Conservation of Works of Art on Paper and Paintings". Attendance at

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these was an excellent chance to gather selected information relating to the inquiries I receive. As well, it was an opportunity to discuss the published material with those specifically trained in the particular disciplines, participate in practical workshops and discuss related problems and solutions with supervisors and course participants.

S. REYNOLDS

## Librarian

The most obvious aspect of the past year for the library has again been the increasing awareness by many Aucklanders of the existence of our resources and research facilities. During the year a satisfactory level of service was still provided for library users but only at the expense of a great deal of unrecorded incoming material and also at the cost of considerable strain upon the members of the library staff. Without the addition of at least one further staff member it is certain that our present standards of service and organisation will suffer. There is an urgent need for a specialist cataloguer, a position without which a research library such as ours should not be.

I would like to pay tribute to those Institute members who have supported us so admirably and tangibly through donations to the Library Purposes Fund. A complete sequence of Christchurch newspapers from 1880 to 1954 was donated by the George Forbes Memorial Library, Lincoln College and the considerable freight costs involved in transporting this collection were provided by the Fund. In addition the Fund was used to purchase a manuscript journal kept by Judge J.A. Wilson of the Maori Land Court in 1910. This important item contains notes and observations on Maori customs relating to land ownership. A quite different but equally important use of the Fund was the purchase of 20 Solander Boxes, constructed of special archival materials, to house some of the library's valuable art works such as Heaphy and Von Tempsky drawings and water colours. Yet another welcome purchase was the acquisition of the 3 volume facsimile edition of the Zoology of the *Voyage* of the Beagle, published by Nova Pacifica.

There have also been several outstanding gifts from Institute members. Mr Peter Warren continued his pattern of previous years, during which time he has given over 500 books about military and naval history. Sir Charles Fleming's valued support of our library is shown by his donation of copies of the important biographical publications of the *Royal Society of London* and of copies of the major ornithological publication, *Auk*. Mr R.B. Sibson donated copies of *British Birds*, 1946-1967, and continues to give us copies of *Ibis*, *British Archaeological Reports*, *Journal of Hellenic Studies* and *Prudentia*. He also presented a copy of the major work, *Birds of Oman*. Mr J.P. Webster, the Curator of Ewelme Cottage, which was for many years the home of Rev. Vicesimus Lush, has greatly assisted in helping to catalogue Lush items in our library and he supplements this with frequent donations. The Director Emeritus, Mr E.G. Turbott, gave many important natural history and other books — the library has benefitted greatly from his generosity. In the face of savage increases in the prices of published books and periodicals it would be difficult to over-emphasize the importance of such donations.

The Manuscript Collection was again heavily used. During the year many important items were added to the collection. 8 microfilms of papers relating to

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Bishop G.A. Selwyn were purchased, being records held at Cambridge University Library. From the estate of Mr Arnold Wharton came a large collection of indexes listing every motion picture shown at Queen Street Cinemas from 1931-1980. The collection will be invaluable for those interested in film history and chronicles an important part of Auckland's social history. Three large groups of papers are worthy of special mention. Firstly, the Auckland Branch, New Zealand Institute of Surveyors placed on deposit a large collection of their manuscript and printed records. A large group of Kemp Family papers were presented by Mrs Joan W. Kemp of Victoria. In addition to genealogical records relating to the New Zealand Kemp associations, Mrs Kemp has compiled *A Kemp Family History*, a comprehensive account which includes genealogical tables. Thirdly, we were pleased to accept the donation of reports, minute books and scrapbooks of the Home and Family Society for the years, 1893-1979.

The rapid growth in genealogical research mentioned last year has continued, but it is pleasing to note more genealogists are now much more sophisticated in their use of library resources and this has meant a lessening of pressure on Museum library staff. However, written requests for genealogical information pose a difficult problem as there is just not staff time available to answer often quite detailed requests which are received at the rate of 10-20 per week. I am indebted to the members of the North Shore Group, New Zealand Society of Genealogists who continue to index our volumes of Auckland Death Notices, 1910-1975, especially Mrs J. Dickens, Mrs N. Hair, Mrs B. Holland, Mr S. McGill, Mrs N. O'Reilly, Mr A. and Mrs M. Philson, Mrs G. Revell, Mrs D. Russell, Mrs R. Walters and Mrs S. Wardle, who have contributed in this entirely voluntary work. Monetary donations from the Auckland and North Shore Groups have enabled us to purchase several useful microfilms including Muster Rolls for the 58th Regiment and also New Zealand Company Passenger lists.

It is again gratifying to record that the library's Photograph Collection is found by so many to be such an important historical resource. The public demand for copies of items from the collection is now heavier than ever before and this, coupled with the constant level of reference work with the Collection, meant that Mr Maitland had very little time for the accessioning and cataloguing of incoming material. We were however fortunate to have the services of Mr Timothy Walker under the Project Employment Programme and he was able to catalogue several hundred photographs, in particular the Hammond Collection relating to the Maori history of Thames and environs. There were several important donations of photographs. 500 glass plate negatives depicting saw-milling near Opotiki, ca. 1912, were donated by Mr O.B. Pickard. Mr D. Crosby presented an interesting group of negatives about the Waerenga Experimental Farm, near Te Kauwhata. Mr Michael King has made many important photographs available for us to copy.

It is especially pleasing to observe the growing awareness of our New Zealand Women's Archives Collection. Since 1961 this valuable biographical archive has grown into a resource containing over 4000 entries relating to New Zealand women and their achievements. The individual entries are indexed by name and subject and each year sees increased use of the collection by researchers in many fields. As in previous years I am grateful to Mrs M. Nash and the

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other members of the committee, Mrs B. Holt, Mrs N. Moore, Miss M. Pater-son and Mrs S. Ross. Their continuing efforts are very much appreciated.

I would like to pay tribute to the members of my staff who continue to provide library service of a very high level to museum staff, Institute members and the general public. We were able to employ several people under Labour Department programmes. In addition to Timothy Walker already mentioned, Ross Matheson and Dwyllis Powell catalogued items from the Botany Department's large collection of reprints, Sharon Reilly catalogued a major part of the considerable back-log of biographical material waiting to be added to the New Zealand Women's Archives Collection, Jeffrey Sissons arranged and indexed the very important collection of George Graham Manuscript Papers relating to the Maori history of Auckland, Jeffrey Malpas and Peter Ellingham accomplished many useful tasks. Finally, as in previous years I must mention our voluntary assistants, without whom our level of library service would definitely be compromised. They are: Mr S.G. Brooker, Rev. Dr A.B. Catley, Mrs M. Fitzgibbon, Miss O. Poole and Mrs P. Sayes. Many other Institute members gave advice and support throughout the year and I would mention in particular Mr J.A.S. Burns, Mr Brian Hooker, Miss E.A. Evans, Mr and Mrs R. Gamble and Mrs V. Mossong.

I.G. THWAITES

## Malacologist

The Department continues to provide services to members of the public with identifications, advice on collection, cleaning and storage of specimens, scientific literature and other information. I would like to record my thanks to Dr A.W.B. Powell for his continued assistance with enquiries relating to New Zealand Mollusca.

Assistance with identifications, taxonomic and related problems has been given to Dr B. Wilson, National Museum of Victoria, Melbourne; Carfel Shell Museum, Manila, Philippines; Dr B.F. Leach, Anthropology Department, Otago University; Dr R. McLean, Geography Department, and Mr S. Best, Anthropology Department, Auckland University; Ministry of Agriculture & Fisheries, Mt Albert; Dr A. Tigai, Archaeology Department, University of Khartoum, Sudan; Dr R. Bieler, Hamburg University and Dr I. Yaron, Ben Gurion University of the Negev, Israel.

Requests for the loan of and information on type-specimens have been received from various institutions. We also received on loan type-specimens from the Australian Museum, Sydney; Academy of Natural Sciences, Philadelphia; British Museum (Natural History), London; Institute of Malacology, Tokyo; Manchester University Museum; Museum National d'Histoire Naturelle, Paris; National Museum of Victoria, Melbourne; National Science Museum, Tokyo; National Museum of N.Z., Wellington; N.Z. Geological Survey, Lower Hutt; South Australian Museum, Adelaide and Tulane University, New Orleans.

Type-specimens of new species described by me during the year have been donated to the British Museum (Natural History), London, the Smithsonian Institution, Washington and the Western Australian Museum. We received from the Los Angeles Museum of Natural History paratypes of *Neomphalus fretterae* McLean, from ventfields of the Galapagos Rift, and from the Australian

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Museum, Sydney, a paratype of *Hemidonax arafurensis* Ponder, from the Arafura Sea.

During the year visitors to our Department for the purposes of study were Dr C. Estival, Noumea, New Caledonia; Mr G. Evans, Auckland University; Mr H. Heinicke, Bremen, Germany; Mr B. Parkinson, Rabaul, Papua New Guinea, and Mr T. Penniket, Auckland.

From the 17th to 29th May I visited the Los Angeles Museum of Natural History on a United States museum grant to work with Ms T. Bratcher, on a monograph of world-wide Terebridae. Other research during the year dealt with Mitridae of the world, deep-water molluscs from the Mozambique Channel and the taxonomy of Indo-Pacific Mollusca.

The Department has purchased through the Hilton bequest a very large collection of shells from the estate of the late Dr D. Munro, which contained material from the Palau Islands, Marshall Islands and the Sarawak-Borneo area. Ms S. Evans, a zoology student employed under the Student Community Service Programme curated the wet collection and also devoted a lot of her time to the sorting of the Munro collection. I also would like to record my thanks to Mrs N. Gardner from the Conchology Section, who gave assistance with the preliminary sorting of New Zealand material from the Munro collection.

The Department continues to provide quarters for the monthly meetings of the Auckland Institute and Museum Conchology Section. A lecture on "Shells as a hobby" was given to members of the Workers Education Association and another on fossil molluscs to a Geology class from the Carrington Technical Institute.

W.O. CERNOHORSKY

## Honorary Research Associate in Mollusca

Although officially retired I still devote much of my time to molluscan research. This involves visits to the Museum, usually several times a week, to refer to literature and material, but most of my work is now done at home.

In an earlier report I referred to the difficulty of finding avenues of publication for lengthy manuscripts. In particular I quoted the case of my monograph of the Turrid subfamily Clavinae, which had by then reached 400 typed pages, with many illustrations. Since then I have added over 250 pages and am still scanning the "Zoological Record" for Clavinids published during recent years, that will have to be included. I am heartened, however, by an offer from Dr R. Tucker Abbott of Melbourne, Florida, who promises to publish the Clavinae as soon as I can complete the manuscript.

My wife, Ida, who generously offered to process deep-water dredging samples from stations off the Northland east coast and Bay of Plenty areas, has so far segregated the molluscs from the following stations — (1) Poor Knights Islands, entrance to South Harbour, 40 feet — (2) Poor Knights Islands, dredged off Cave Entrance — (3) Off Aldermen Islands, 80 fathoms — (4) Off Plate Island, Bay of Plenty. All the molluscs are in good condition and include many species of minute size. In addition, Mrs Powell has processed a quantity of leafmould from South West Island, Three Kings, which yielded a rich fauna of small to minute Endodontid land snails.



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Frequent requests for information and the identification of molluscan material still claim some of my time both at the Museum and at home.

A.W.B. POWELL

## Marine Biologist

Participation in the University of Auckland 1981/82 Antarctic Research Programme has been a highlight to the year's activities. A specific project, to investigate isopod fish parasites, formed part of studies into the neuromuscular physiology, parasitology and demography of Ross Sea fishes. Fieldwork was carried out at seasonal stations on the sea ice, along the McMurdo Sound/Cape Royds area, with collections being taken by line-fishing and trapping. While much of the programme relied on line material using tagging and re-capture methods, a representative collection of Antarctic fishes and invertebrates were retained for the Auckland Museum. Species lots have since been sorted from station samples with identification and cataloguing completed for most material. Amongst the small benthic fishes the occurrence of isopod ectoparasites was lower than expected. However, the isopod *Aega glacialis* was also recovered from the large Antarctic cod *Dissostichus mawsoni* and, with assistance from other programmes (U.S.A.R.P.), data for some fifteen specimens were obtained.

The department has continued to receive the cooperation of fisherman and fisheries officers to supplement its collections and obtain records of uncommon species; a Louvar (*Luvarus imperialis*), a spotted eel (*Myrichthys sp.*) and a dwarf sperm whale (*Kogia simus*) are particularly note-worthy. Exchange of specimens has also continued at an institutional level.

There has again been a high level of public and industry based inquiries relating to all aspects of marine biology. These requests have been met and regular lecture/demonstrations to adult and school groups given.

Plans to upgrade displays in the Maritime Hall were prepared in collaboration with display staff. Progress on these new displays has been staged to meet time consuming conservation requirements of objects and availability of staff. A section based on the Naval Defence Establishment at Devonport was completed and some free-standing ship models and yachts were re-arranged to give overall unity to the new theme. In another area a series of ship models have been brought together to illustrate the history of shipping up to the end of sail. A scale model of a frigate, once the property of John Butler (1755-1847) Master Mariner of New Shoreham in Sussex, forms the centrepiece of this display. This programme now anticipates the completion of modifications to the bridge area and improvement to associated displays on local shipping and navigation. The format for a section relating to sealing and whaling activities in New Zealand waters has also been prepared.

A.B. STEPHENSON

## Curator of War Collections

Three temporary displays were set up during the year — The insignia of Knight Commander of the Royal Victorian Order of the Rev. Dean Martin

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Sullivan, letters from a soldier in World War I at Gallipoli, entitled "One Tragedy" and a display of all our Gallipoli related material. Our permanent display of Victoria and New Zealand Crosses has been refurbished and mounted with photographs of the recipients. The whole of the general medal collection has been taken down, cleaned and remounted. The display of medals and documents relating to Lt. W.E. Sanders V.C. has been removed for conservation work to be carried out.

Considerable time has been devoted to arranging the storage and documentation of our uniform collection and although much has been accomplished a great deal still remains to be done.

Members of the International Military Arms Society have come into the Museum on four Saturdays and have by a tremendous effort, cleaned, oiled, and greased all the firearms in our collection and while doing so have added considerable information to our records. While doing this work several objects were found to be suffering from insect and fungal attack. These have been treated by our conservation department. The cockpit canopy of the Japanese Zero which has long been damaged and looking dilapidated was repaired and put back on its runners by a team from the R.N.Z.A.F. and the Zero now looks much better. Mr W. Ruffell has worked through the identification of our bayonet collection. The assistance of those who have worked so hard on the collections is much appreciated.

Visitors from Rolls Royce have shown considerable interest in the Merlin engines that we have on display and as a result of their research we now know that one is a Merlin "F", a pre-production model made in 1937 and probably installed in a Fairey Battle. It was the 30th engine made and so is the predecessor of a very noble line of motors. The other Merlin represents the end of the series, being a mark 25 for Mosquito aircraft and made in 1945-46 period.

There has been a steady demand for objects on loan, ranging from the New Zealand Army and International Military Arms Society to commercial photographers: one of our pistols is appearing in a television commercial for rum flavoured biscuits and two others have graced the cover of a monthly magazine.

Talks and demonstrations of the history of firearms were given during the school holiday periods.

J.H. WADHAM

## Conchology Section

Once again Members have had an interesting year with the Section. The quality of the guest speakers we have had for our monthly meetings seemed to please everyone. Although membership has fallen slightly, again this year, the activities of the Club have in no way been affected.

Only one 'weekend away' trip was organised this again being to Brumby Farm, Russell. Members visited one of the islands in the area, travelling by means of a catamaran. Another boat was hired for the purpose of dredging those specimens which are usually unobtainable and are never washed up on the

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beaches. Members have also reported back on their own trips and the finds that they have made.

Two parts of the Section's publication *Poirieria* were issued during the year; these were in a new and improved format complete with illustrations and photos.

Members who have joined the Club this year have shown that the interest in the collection and study of shells is still with us and we trust that others will follow in our particular aspect of nature.

Present officers are: Patron, Dr A.W.B. Powell; Vice Patrons, Prof. J.E. Morton & W.O. Cernohorsky; President, Mr R.C. Grange; Secretaries, Mrs P. Town & Mrs E. Grange; Minute Secretary, Mrs D. Hole; Treasurer, Mr S. Town.

R.C. GRANGE

## Maritime Section

The year has seen a number of developments involving the Auckland Maritime Society. Membership numbers have dropped slightly but there have been several new and younger folk joining our ranks; the financial position is healthy despite ever increasing costs.

There have been the usual monthly meetings during the year and it has been pleasing to see consistently good attendances at these, attributable in the main to the variety of speakers. Captain Craig Harris of McKay Shipping Limited presented a lively and learned talk and photographs on salvage, firstly of the *Pacific Charger* in which he was involved and then further afield to *Waigani Express* in Papua-New Guinea and *Anro Asia* in Queensland. There were several film nights and an excellent showing of members' slides. The Society's Annual dinner was once again held at the Esplanade Hotel, Devonport and was a happy and enjoyable occasion.

Only one excursion was arranged during the year; to Manukau South Head, but visits were also made to H.M. Survey vessel *Monowai* at Devonport Naval Base and to the P & O Liner *Sea Princess*.

In May 1981, we experienced the tragic loss of our Chairman, Mr Jack Stone and shortly afterwards Neil Maffey, one of our longest serving officers, also passed away.

The formation of the Auckland Maritime Museum took place with the first Trustees' meeting which was held in April 1982. At that time a management committee was appointed and the following Society members were included: Mr W.A. Laxon, Mr D. Johnson, Captain R.H. Carter and Mr R.J. Hawkins. Progress to date has been encouraging; two rooms in the Ferry Building have been made available by the Auckland Harbour Board.

Office bearers are: Patron, Captain G.W. Dunsford; Chairman, Mr W.G. Perkins; Secretary, Mr R.J. Hawkins; Treasurer, Mr S.G.J. Baker; Committee, Messrs B. Shankland, D.R. Meehan, W.A. Laxon, N.Baker, D.N. Brigham and Capt. R.H. Carter.

R.J. HAWKINS



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## STAFF PUBLICATIONS

April 1981 to March 1982

### Scientific

BANGERTER, E.B.

- 1980 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 7. *Rec. Auckland Inst. Mus.* 18: 127-135.

CERNOHORSKY, W.O.

- 1981 The family Buccinidae. Part 1. The genera *Nassaria*, *Trajana* and *Neoteron*. *Monog. Marine Moll.* No.2: 1-52.
- 1981 Revision of J. Hervier's type-specimens of Mitracea (Mollusca-Gastropoda) from the Loyalty Islands. *Bull.Mus.nat.Hist.nat. Paris* (4), sect.A, 3(1): 93-109.
- 1981 Revision of the Australian and New Zealand Tertiary and Recent species of the family Nassariidae (Mollusca:Gastropoda). *Rec. Auckland Inst. Mus.* 18: 137-192.
- 1981 Taxonomy of some Indo-Pacific Mollusca. Part 9. *Rec. Auckland Inst. Mus.* 18: 193-202.
- 1981 Comment on a request for a change in article 40 of the Code. Z.N. (S.) 2550. *Bull. zool. Nomencl.* 38(4): 237.

FOX, Aileen

- 1981 Positive site protection — recent developments in the North Island. *N.Z. Archaeol. Ass. NewsJ.* 24 (4): 257-262.

PRICKETT, N.

- 1981 Clay pipes from Paremata. *N.Z. Archaeol. Ass. NewsJ.* 24 (2): 126-132.
- 1981 A recently discovered petroglyph at Omata, Taranaki. *N.Z. Archaeol. Ass. NewsJ.* 24 (3): 198-201.

SIMMONS, D.R.

- 1981 Stability and change in the material culture of Queen Charlotte Sound in the 18th century. *Rec. Auckland Inst. Mus.* 18:1-61.

WRIGHT, A.E.

- 1981 Auckland University Field Club scientific trip to the Mokohinau Islands, May 1979. Introduction and Acknowledgements. *Tane* 26:1-6.
- 1981 Vegetation and flora of Fanal Island, Mokohinau Group. *Tane* 26:25-43.
- 1982 Ngataurua Islets, Mimiwhangata. *Auckland Bot. Soc. News.* 37(1):8-10.

# AIM Ann Report 1981 to 1982

1982 Auckland University Field club scientific trip to Cuvier Island (Repanga), May 1980. Introduction and Acknowledgements. *Tane* 27:1-6.

1982 Studies on the vegetation of Cuvier Island. V. Additional vascular plant species and a vegetation description for Scott's Monument. *Tane* 27:7-11.

WRIGHT, A.E., B.W. HAYWARD and G.C. HAYWARD

1981 Lichens from Fanal Island, Mokohinau Group, northern New Zealand. *Tane* 26:45-52.

WRIGHT, A.E. B.W. HAYWARD and —

1981 Archaeological sites on small islands in the eastern Bay of Islands, Northland. *Tane* 26:151-159.

WRIGHT, A.E. B.W. HAYWARD, G.C. HAYWARD and —

1982 Studies on the vegetation of Cuvier Island. VI. Lichens. *Tane* 27:13-16.

## General

FOX, Aileen

1981 Archaeology in New Zealand. *Popular Archaeology* 3 (1): 21-24.

SIMMONS, D.R.

1981 Prehistory (of Hauraki) in Siers, J. *Hauraki Gulf and its Islands*. Millwood Press, Wellington. pp. 121-126.

1981 *Traditional Arts of the Maori. Nga Mahi a Nga Tupuna* (Multi media presentation). Ministry of Foreign Affairs, Wellington.

1982 Foreward and captions for David Lewis and Werner Forman. *The Maori: Heirs of Tane*. Orbis, London. pp 7-9.

WRIGHT, A.E.

1981 Reference list of all articles published in *Tane* volumes 21-25. *Tane* 26:243-248

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## RECENT BENEFACTORS OF THE AUCKLAND INSTITUTE AND MUSEUM

(A complete list since 1876 last appeared in the Annual Report for 1979-80)

### MONETARY GIFTS

- 1970 **Sir John Logan Campbell Trust:** \$2,000 to assist with the installation of Hall of New Zealand Birds.  
**Auckland Savings Bank:** \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.  
**Mrs M. Brien:** Bequeathed \$200.  
**Mr J.A.B. Hellaby:** Bequeathed \$2,000.  
**Miss I.T. Stennett:** Bequeathed \$2,007.  
**Mr N.R.W. Thomas:** Bequeathed \$200.
- 1971 **Sir John Logan Campbell Trust:** \$4,000 towards Hall of New Zealand Birds.  
**Auckland Savings Bank:** \$1,000 towards Hall of New Zealand Birds.  
**Mrs M.J. Clare:** Bequeathed \$500.  
**Mrs M. Hemingway:** Donation of \$200 for entomological collection maintenance.
- 1972 **Sir John Logan Campbell Trust:** \$4,300 towards Hall of New Zealand Birds.  
**Auckland Savings Bank:** \$3,500 towards Hall of New Zealand Birds.  
**Mr John Seabrook, C.M.G.:** \$450 for sound equipment in Hall of New Zealand Birds.  
**Auckland Maritime Society:** \$175 for renovation of ship models.  
**F.E. Jackson and Co. Ltd.:** Donation of \$100.
- 1973 **Mr C.E. Disney:** \$7,200 to establish a Hall of English Furniture.  
**Sir John Logan Campbell Trust:** \$4,000 for improvements to the Special Exhibition Hall.  
**Auckland Savings Bank:** \$2,500 towards the Hall of New Zealand Birds.  
**Miss Edith McLeod:** Bequeathed \$4,348.  
**Mrs M. Hemingway:** Donation of \$200 for entomological collection maintenance.
- 1974 **Sir John Logan Campbell Trust:** \$4,000 for installation of acoustic ceiling in Hall of New Zealand Birds.  
**Auckland Savings Bank:** \$2,500 for mobile shelving in Cheeseman Herbarium.  
**Mrs C.R. Ford:** \$100 for display case to house the C.R. Ford Antarctic Collection.  
**Sir William Goodfellow:** \$100 for display case to house the C.R. Ford Antarctic Collection.
- 1975 **Auckland Savings Bank:** \$3,000 towards Coffee Lounge extensions.  
**Miss R.B. Hellaby:** Bequeathed \$2,000.  
**Kensington Carpets N.Z. Ltd:** \$200 for research activities.  
**Sir John Logan Campbell Trust:** \$5,000 for new lighting in the Maori Court, and purchase of items for the Maori and contemporary ceramics collections.

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- 1976 **Auckland Savings Bank:** \$3,000 towards publication costs of Bulletin No. 10, 'Taxonomic Revisions in the Family Haloragaceae', by A.E. Orchard.
- Mr C.J. Shaw:** Bequest of \$2,000 as an endowment for the purchase of natural history and ethnographical specimens.
- Sir John Logan Campbell Trust:** \$25,000 towards Building Restoration and Window Replacement Fund.
- Mr K.E. Sutcliffe:** \$100 for Library requirements.
- 1977 **Auckland Savings Bank:** \$5,000 towards Window Replacement Appeal Fund.
- Mr C.V. Houghton residuary estate:** \$600.
- Sir John Logan Campbell Trust:** \$5,000 as first instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1978 **Auckland Savings Bank:** \$4,000 towards installation of wheelchair ramp.
- Mr R. Court:** Cost of curtaining in Hall of Pacific, including installation.
- R.T. Sheppard and Co. Ltd:** \$500 for research activities.
- Sir John Logan Campbell Trust:** \$15,000 as second instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1979 **Auckland Savings Bank:** \$4,000 for audio-visual introduction to Hall of the Pacific and towards the cost of installing further mobile shelving in Herbarium.
- Corbans Holdings Ltd:** \$500 towards cataloguing and housing costs relating to the Corban family archives.
- Miss J.H.G. Gollan:** Bequest of \$203.
- New Zealand Law Society:** Donation of \$500.
- Sir John Logan Campbell Trust:** \$15,000 as third instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- Dr Lucy Cranwell Smith:** \$4,000 towards the publication costs of *The Botany of Auckland*.
- 1980 **Auckland Savings Bank:** \$4,000 for modifications to Maori Court display cases.
- Sir John Logan Campbell Trust:** \$16,000 as final instalment of a gift of \$51,000 towards the 'Auckland Landscapes — Past and Future' installation.
- W.L. Cooke and family:** A property valued at over \$55,000, the income to be used for library purposes.
- Miss R.M. Peek:** Bequest of \$3,100.
- D.F. Whitmore:** Bequest of \$500.
- 1981 **Auckland Savings Bank:** \$4,000 for care and storage of collections.
- Sir John Logan Campbell Trust:** A further grant of \$9,000 towards 'Auckland Landscapes — Past and Future'.
- Miss A.Z. Dixon:** Bequest of over \$50,000.
- Mr E.F. Hilton:** Bequest of over \$23,000 for the purchase and display of shells.

# AIM Ann Report 1981 to 1982

**New Zealand Insurance Co. Ltd:** \$20,000 for the film for 'Auckland Landscapes'.

**Smith and Caughey Ltd:** Donation of \$5,000.

**Mrs L.E. Worth:** The C.H. Worth Memorial Fund of \$12,000.

## SPECIMENS AND BOOKS

- 1971 **The Cozens family (per the Misses E.M. and E.L.A. Cozens):** Collection of Pacific ethnographic material collected by the late Captain G. Cozens.
- Mrs M.M. Dunningham:** Han Period painted water pot, 2nd century B.C.
- 1972 **The Rt Hon Sir Harold Barrowclough:** Portrait in oils by William Dargie.
- Mr D.J. Quigley:** Ngati Whatua door lintel, South Kaipara Head.
- Mr Rewi Alley:** Ch'eng Hua enamel bowl.
- Mr R.V. Roberts:** Collection of ornithological books and periodicals.
- 1973 **Mr E.M. Fenton:** 17 pieces of English pewter.
- Dr C.A. Fleming:** Set of Mathews 'Birds of Australia'.
- Mrs C.R. Ford:** Medals awarded to the late C. Reginald Ford — Polar Medal 1902-04, Royal Geographic Society Medal for Antarctic Discovery, George V Jubilee Medal. Antarctic equipment, papers and sketches.
- Mr R. Henwood:** Ngapuhi carved door post, Kaikohe.
- Sir Leonard Isitt:** Instrument of Surrender and other Documents relating to the Japanese surrender on 2nd September, 1945, signed on U.S.S. 'Missouri'.
- Dr and Mrs B. Johns and family:** Persian animal carpet.
- 1974 **Mr J.C. Fenton:** Comprehensive collection of English pewter; collection of English 17th and 18th century furniture and clocks.
- Family of the late John Waldie:** French provincial chest, Queen Anne table, Chinese punch bowl.
- Mr C.G. Hall:** Silver tea service, given in memory of the late John Waldie.
- Mrs W.H. Ross-Lowe:** English 18th century serpentine-fronted chest of drawers.
- Royal New Zealand Yacht Squadron:** First yacht of M Class, 'Mawhiti I'.
- 1975 **Mr A.G.W. Dunningham:** The Margaret M. Dunningham Collection, comprising material from India, Nepal, Tibet and South-East Asia.
- Mr L.W. Tattersfield:** Bolex 16 mm camera and accessory fittings; Leica 35 mm camera with set of lenses and accessories; general photographic equipment.
- 1976 **Mr T.E. Clark:** Han Dynasty 'hill jar'.
- Mr A.G.W. Dunningham:** For the Margaret M. Dunningham Collection four large Balinese folk art paintings.
- Mr John Seabrook, C.M.G.:** Propeller of World War I S.E.5A single seater fighter aircraft.
- Samuel Vaile and Sons Ltd. (in commemoration of the firm's centenary):** Patu onewa from the Thames district.

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- Mr G.A. Wooller:** Comprehensive collection of African trade beads.
- 1977 **Mr T.E. Clark:** Yuan Dynasty storage jar.
- Mr A.G.W. Dunningham:** For the Margaret M. Dunningham Collection, 43 Balinese items, including material from the Balinese Folk Art Exhibition 1974-75; additional items from India, China and Indonesia.
- Miss J.H.G. Gollan:** Bequeathed a 17th century sterling silver mug, Queen Anne sterling silver mug and Jean Gautier silver travelling watch.
- Mr and Mrs G.F.A. Lewin:** Bequeathed a collection of 18th century English table glass.
- Mrs I. Worthy:** Representative collection of Queensland and Great Barrier Reef Mollusca.
- 1978 **Professor J. Golson:** Extensive New Zealand archaeological collection.
- 1979 **Miss A.T.H.B. Cumming:** Victorian and Edwardian jewellery.
- Dr E.C.S. Little:** Chinese decorated silver presentation bowl.
- Mr L. Wintle:** Collections of Chinese enamels and ceramics, and of English china and glass.
- 1980 **Mr John Seabrook, C.M.G.:** A holograph letter of James Cook.
- 1981 **Mrs Mavis Bramley:** A collection of Maori artefacts from South Māukau.
- Miss A.T.H.B. Cumming:** A collection of eighteenth and nineteenth century silver and china.
- Mr A.G.W. Dunningham:** For the Margaret M. Dunningham Collection, nineteen items from the Balinese Folk Art Exhibition, 1974-75, and items from India, China and Indonesia.
- Mr Dick Scott:** A collection of material related to the New Zealand wine industry.



# AIM Ann Report 1981 to 1982

## ACCESSIONS 1981-82

We are grateful to the following for the gift of items during the year: Msgr B.F. Arahill; Messrs. W.A. Atkinson, A. Baldwin, H.J. Ball, R. Barlin, Rev. I.D. Beattie, Beecher, J. Beaver, D.W. Belcher, F.D. Bell, R.C. Benson, J. Blackwell, S.G. Brooker, Canon J.S.G. Cameron, Lt. Comm. O.W. Carter, G. Chalmers, R.F.H. Clarke, W.L. Cooke, N.R. Cooper, P.D. Corboy, L. Craig, D. Crosby, K. Cudahy, Dr. C.D. Day, R.A. de Luen, P. Fenton, P.W. Fitzgerald, Sir Charles Fleming, B. Fletcher, R.S. Fletcher, F.R. Foote, G. Frater, R.S.L. Frewen, Rev. N. Fugue, N. Gleeson, P. Gossage, J. Gray, N.H. Green, R.N. Green, R.B. Hardy, J.E. Hanes, D. Heys, G.A.H. Helson, M. Herewini, R. Holloway, H.M. Horton, B. Howard, Rev. N.J.I. Hunt, W.N. Hutchinson, A.M. Ihle, A.H. Jones, J.G. Jones, P. Kelly, D. King, S. King, R.A. Littlejohn, T. Lloyd, G. Lowe, W. McCafferty, Major A.V. McClelland, N.A. Maffey, R.A. Mansel, W.J. Marr, R. Menzies, T. Miller, B. Mitcalfe, W.L. Moislely, G. Moonen, B. Muir, J.P. Mullany, G.K. Newman, Dr. J.L. Newman, Capt. A.E. Peake, P. Redwood, A.D. Reid, Dr. F.B. Rice, B.S. Robertson, N. Rogers, Dr. F.B. Rose, Q.E. Rutherford, A.C. Sadler, G.A. Sanders, S. Sayidiman, R.B. Sibson, W.C. Smart, C. Smith, J.K. Smith, R.P. Snow, J.M. Stacpoole, G. Steward, T. Sumption, J.H. Sutherland, A. Tahere, H. Takahashi, G. Taylor, E.G. Turbott, E.G. Turner, S. Walezak, G. Walker, W.L. Walker, G. Way, J.P. Webster, P. Westbury, C.W. White, Rev. D.O. Williams, I. Williams, R.F. Williams, R. Wood, R.G. Wright, L.R. Young, P.L. Ziman.

Mesdames: V. Ambrose, D. Andreassend, R. Armiger, S. Armstrong, M. Aspden, R. Atkins, E. Banks, D.W. Belcher, M. Best, R. Bishop, P. Blackwell, H. Brown, J.S.G. Cameron, H.G. Campbell, N.R. Cooper, L. A. Crafter, M. Dobbie, O.M. Edwards, I.L. Ferguson, B. Fletcher, M. Fletcher, M. Forsyth, J.A. Gibbs, P. Gossage, E.M. Graydon, N.H. Green, B.S. Gregory, J.M. Gurr, O. Hale, K. Hames, A.E.A. Hankins, S. Harris, R. Hart, D. Heays, Holloway, L. Homersham, H.M. Horton, I. Hyde, S. Hyde, N.M. Hardine, Jenkins, E. Jenson, J.W. Kealy, A. Kircher, C. Liddell, F.E. Lowe, A. McBirney, E. McCormick, S.S. McGill, N.E. McKaskell, K.M. Manley, A.D. Manning, M.M. Martin, L.A. Maude, A.M. Montgomerie, N.M. Moore, N.E. Morgan, V. Muir, K. Murphy, S. Nichol, A. Nisbett, Noakes, S. Olsen, D. Pascoe, F.M. Petrie, H. Reid, C.H.G. Ricketts, S.I.R. Robertson, G.M. Robson, M.A. Rogers, I. Roulston, Q.E. Rutherford, M. Shelton, M.R. Sinclair, J. Smith, M. Sparrow, S. Stibbs, J. Strew, C. Sutherland, L. Taylor, E. Tonkin, E.G. Turner, S. Turner, L. Twyman, C.A. Ward, R.G. Ware, L. Watson Smith, A. Wharton, L.A. White, D.O. Williams, E. Williams, J. Wordsworth, H.E. Young.

Misses: M.E. Arnott, N.R. Bamford, E. Beran, P. Berry, E. Blank, E.M. Burgess, T. Clough, E. Cooper, N.R. Forde, B. Forshaw, E.M. Frost, M. Hurrey, U. James, M. Ryburn, C. Taylor, Y. Taylor, L. Wood.

# AIM Ann Report 1981 to 1982

Ms: H. Havack, H. Morton,

D.V. Bryant Trust Board, Home and Family Society, New Zealand Society of Glassmakers, The Rowan Family, Messrs. W.J. Woolacott Ltd.

Storm killed, accidentally killed and cage birds:

Messrs: A. Anderson, R. Aspinall, R.P. Bolton, M. Foster, G. Garner, R.L. Gibbons, E.L. Hooker, D. Jeffreys, A. Kay, T. Kelly, J. Lynn, J.W. McDonnell, R.W. Mitchell, Richards, M. Reid, R. Steer, T. Thomas, Wells.

Mesdames: A. Anderson, Hart, W.A. Larmer, H. McCann, S.D. Melrose, Merritt, Paterson, N. Scotting, N. Tiedemann, Torrance, N. Williams, Wright.

Ms: T.J. Gardiner.

LIABILITIES		1982	1981
		\$	\$
<b>Current Liabilities —</b>			
Sundry Creditors .....	87,874		79,466
Subscriptions in Advance .....	487		580
		88,361	80,046
 <b>Trusts and Endowments —</b>			
As per Statement:			
Trusts .....	713,742		704,493
General Endowments .....	56,172		54,992
		769,914	759,485
 <b>Reserves, Gifts, Grants and Provisions —</b>			
As per Statement .....		308,850	291,067
 <b>Capital —</b>			
Balance 1st April .....	2,910,344		2,791,661
Add Additions during year .....	108,284		118,683
	3,018,628		2,910,344
 Add/ Less Balance Appropriation Account .....	16,331		703
		3,034,959	2,909,641
		<u>\$4,202,084</u>	<u>\$4,040,239</u>

ASSETS		1982	1981
		\$	\$
<b>Current Assets —</b>			
Cash in Hand .....	2,445		2,445
Cash at Banks .....	41,693		91,893
Sundry Debtors and Prepayments ..	58,857		79,123
Subscriptions in Arrear .....	860		410
Stock in Hand .....	186,129		155,222
		289,984	329,093
 <b>Investments, at cost —</b>			
Auckland Savings Bank,			
Term Deposit .....	17,000		17,000
Bank of New Zealand,			
Term Deposit .....	131,456		35,145
Australian Commonwealth			
Stock .....	5,470		5,072
Local Authority Stock .....	77,499		77,499
New Zealand Government			
Inscribed Stock .....	39,874		41,874
Shares in Companies .....	26,863		28,902
Freehold Properties .....	595,310		595,310
		893,472	800,802
 <b>Fixed Assets, at cost —</b>			
Buildings .....	1,562,670		1,552,781
Collections .....	566,257		541,600
Displays .....	165,047		162,535
Equipment, Tools, etc. ....	71,845		65,344
Furniture and Fittings .....	238,913		229,769
Library .....	391,307		354,480
Motor Vehicles .....	22,589		3,835
		3,018,628	2,910,344
		<u>\$4,202,084</u>	<u>\$4,040,239</u>

G.S. PARK,  
Treasurer.

AIM Ann Report  
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# **AUCKLAND INSTITUTE AND MUSEUM** **INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1982**

EXPENDITURE			INCOME		
	1982 \$	1981 \$		1982 \$	1981 \$
<b>Employment Costs —</b>			<b>Contributions from Local Authorities —</b>		
Salaries and Wages .....	737,282	569,447	Metropolitan and Provincial		
Non-Taxable Allowances .....	7,500	7,421	Statutory .....	846,000	619,112
Retiring Allowances .....	5,585	12,687	Provincial Voluntary .....	23,529	—
Superannuation .....	34,233	26,930		869,529	619,112
Accident Compensation Levy .....	4,124	3,794			
	788,724	620,279	<b>Grants from Government —</b>		
<b>Administration Expenses —</b>			Administration of Antiquities Act .....	5,000	4,000
Audit Fee .....	3,207	2,486	Art Galleries and Museums		
Cleaning, Laundry and Custodial .....	11,264	9,204	Scheme .....	11,000	—
Councillors' Travelling .....	493	776	Government Conservation Grant .....	9,498	—
Freight and Cartage .....	124	929		25,498	4,000
General .....	11,302	7,477	<b>Subscriptions —</b>		
Heating, Lighting and Water .....	15,736	13,181	Life Members .....	1,640	3,480
Insurance .....	2,803	2,940	Annual .....	11,743	5,873
Legal Fees .....	109	6,679		13,383	9,353
Postages, Telephones and Intercom. ....	13,852	12,025	<b>Donations —</b>		
Printing and Stationery .....	17,873	14,837	Miscellaneous .....	871	979
Rates — Auckland City Council .....	15,363	14,419			
Travelling .....	5,198	2,456	<b>Rent, Interest and Dividends —</b>		
	97,324	87,409	Trusts .....	1,988	1,976
<b>Preservation and Display —</b>			General Endowments .....	2,156	1,912
Conservation/ Preservation —			General Funds .....	30,182	23,561
Materials and Expenses .....	5,783	1,986		34,326	27,449
Preparation and Taxidermy .....	6,977	3,145	<b>Income from Sales and Services —</b>		
Extension Service .....	6,686	3,877	Auditorium, net .....	6,335	1,432
Special Exhibitions .....	3,004	2,171	Coffee Lounge, net .....	30,191	30,591
Photography .....	1,689	1,877	Exhibition Hall .....	1,028	1,315
	24,139	13,056	Planetarium .....	2,823	3,767
<b>Institute —</b>			Publications .....	8,691	3,165
Expenses .....	6,715	6,082	Shop, net .....	30,707	42,216
Subscriptions Written Off .....	662	412	Miscellaneous Receipts .....	6,525	1,021
	7,377	6,494		86,300	83,507
<b>Repairs and Maintenance —</b>					
Building .....	4,359	2,265			
Electrical Fittings .....	8,003	6,857			
Showcases and Furniture .....	2,324	1,861			
Equipment and General .....	4,704	1,966			
Windows .....	—	16,000			
Equipment, Plant and Tools .....	2,277	—			
Furniture and Fittings .....	8,026	—			
	13,554	—			

	1,974
	1,912
	23,561
34,326	<u>27,449</u>
	1,432
	30,591
	1,315
	3,767
	3,165
	42,216
	<u>1,021</u>
34,326	43,237

Balance transferred to Appropriation Account .....	—	11,992
	<u>\$1,029,907</u>	<u>\$756,392</u>

	1982 \$	1981 \$
Balance as at 1st April .....	—	49,933
Balance from Income & Expenditure Account .....	79,117	—
Transfers from —		
<b>Trusts</b>		
L.J. Ayre — Philately .....	30	32
W.L. Cooke Family — Library .....	1,400	1,500
J.C. Entrican — Numismatics .....	374	484
E.F. Hilton — Malacology .....	250	—
Mackechnie — Library .....	500	500
<b>Reserves, Gifts, Grants and Endowments</b>		
A.G.M.A.N.Z. — Book Grant .....	228	—
Auckland Savings Bank —		
Conservation and Entomology Storage .....	1,989	2,142
Disabled Access .....	5,000	—
Depreciation of Motor Vehicles .....	9,754	967
Depreciation of Shop Assets .....	65	1,189
Depreciation of Coffee Lounge Assets .....	1,076	5,104
Disney Fund — Specimens .....	7,681	3,951
Exhibition, Auckland Landscapes —		
Sir John Logan Campbell Trust .....	—	9,000
Auckland City Council, Other Authorities, and General .....	2,512	43,265
General Endowment .....	4,889	—
Government Grant — Conservation .....	989	—
Leys — Ethnographic Specimens .....	777	—
Members' Library Purposes Fund .....	5,171	170
Members' Specimen Purchase Fund .....	2,775	800
Scientific Research Dist. Comm. - Entomology .....	9,000	—
Specimen Purchase Fund .....	3,144	3,669
Exchange Gain on Overseas Investments .....	1,276	1,466
Balance carried down .....	—	703
	<b>\$137,997</b>	<b>\$124,875</b>

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# STATEMENT OF TRUSTS: SPECIFIC AND GENERAL ENDOWMENTS: RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/81	Income Balance 1/4/81	Interest	Other Receipts	Detail	Total Income	Payments	Detail	Income Balance 31/3/82	Capital Balance 31/3/82	Total Balance
<b>TRUSTS</b>											
Accumulating Endowment	3,154.86		220.84			220.84				3,375.70	3,375.70
G. Atkinson — Research	1,478.48	752.41	103.49			103.49			855.90	1,478.48	2,334.38
J. Ayre — Philately	1,777.92	422.62	124.46			124.46	29.81	Appn. A/c	517.27	1,777.92	2,295.19
L. Cooke Family — Library	53,000.00	143.40		1,744.00	Net Rent	1,744.00	1,400.00	Appn. A/c	487.40	53,000.00	53,487.40
Property Depreciation Fund				260.00	Dep'n.	260.00				260.00	260.00
C. Entrican — Numismatics	2,000.00	1,074.50	140.00			140.00	373.53	Appn. A/c	840.97	2,000.00	2,840.97
F. Hilton — Malacology	24,383.59		1,706.85			1,706.85	250.00	Appn. A/c	1,456.85	24,383.59	25,840.44
Jackechnie — Library	4,000.00	340.00	280.00			280.00	500.00	Appn. A/c	120.00	4,000.00	4,120.00
Net McLennan — School Service	2,000.00	1,218.20	140.00			140.00	829.83	S/Service	528.37	2,000.00	2,528.37
Stichelson Prize	400.00	385.81	28.00			28.00			413.81	400.00	813.81
Museum Endowment	28,406.80		1,988.48			1,988.48	1,988.48	I & E A/c		28,406.80	28,406.80
and Cheeseman Bequest —											
Commemoration Prize	290.00	246.57	20.30			20.30			266.87	290.00	556.87
Carrick Robertson — Research	1,200.00	1,042.18	84.00			84.00	331.00	Field Exp	795.18	1,200.00	1,995.18
J. Shaw — Natural History and											
Ethnology purchases	2,000.00	717.53	140.00			140.00			857.53	2,000.00	2,857.53
ward Earle Vaile —											
Ethnology, Library	540,060.94	5,760.53	1,232.98	54,710.04	Rents	55,943.02	55,622.76	Vaile A/c	6,080.79	540,060.94	546,141.73
Vaile Obsolescence Fund	5,973.00		418.11	5,973.00	Dep'n.	6,391.11			12,364.11		12,364.11
Artha Wilson — Cinematography	4,000.00	3,786.36	280.00			280.00			4,066.36	4,000.00	8,066.36
Artha Wilson — Photography	2,000.00	477.15	140.00			140.00			2,617.15	2,000.00	2,617.15
H. Worth Memorial — Research	12,000.00		840.00			840.00			840.00	12,000.00	12,840.00
	688,125.59	16,367.26	7,887.51	62,687.04		70,574.55	61,325.41		18,744.45	694,997.54	713,741.99
<b>GENERAL ENDOWMENTS</b>											
General Endowment	6,387.00		447.09	1,000.00	Appn. A/c	1,447.09	4,889.43	Appn. A/c		2,944.66	2,944.66
Senior L. Hellaby Bequest	10,850.98		759.57			759.57			11,610.55		11,610.55
Jose B. Hellaby Bequest	2,140.00		149.80			149.80			2,289.80		2,289.80
Boughton Bequest	642.20		44.95			44.95			687.15		687.15
Ma M. Peek Bequest	4,174.76		292.23	1,736.24	Capital	2,028.47			6,203.23		6,203.23
Members' Subscriptions	30,796.64		2,155.76	1,640.00	Subs.	3,795.76	2,155.76	I & E A/c	32,436.64		32,436.64
	54,991.58		3,849.40	4,376.24		8,225.64	7,045.19			56,172.03	56,172.03



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Valle Obsolence Fund	5,973.00	5,760.53	1,232.98	54,710.04	Repts	55,943.02	55,622.76	Valle A/c	6,000.00	12,364.11	12,364.11
Valle Wilson — Cinematography	4,000.00	3,786.36	280.00	280.00	Dep'n	6,291.31	280.00		4,000.00	8,000.00	8,000.00
Valle Wilson — Photography	2,000.00	477.15	140.00	140.00		840.00	840.00		617.15	2,000.00	2,000.00
W. Worth Memorial — Research	12,000.00		840.00						840.00	12,000.00	12,000.00
	688,125.59	16,367.26	7,887.51	62,687.04		70,574.55	61,325.41		18,744.45	694,997.54	713,741.95
<b>GENERAL ENDOWMENTS</b>											
General Endowment	6,387.00		447.00	1,000.00	Appn. A/c	1,447.00	4,889.43	Appn. A/c	2,944.66	2,944.66	2,944.66
W. H. Heston Bequest	15,130.00		139.00			139.00			15,910.55	15,910.55	15,910.55
W. H. Heston Bequest	15,130.00		139.00			139.00			15,910.55	15,910.55	15,910.55
W. H. Heston Bequest	15,130.00		139.00			139.00			15,910.55	15,910.55	15,910.55
<b>PROVISIONS</b>											
Art Galleries and Museums Association — Book Grant			227.95	Cap. Grant	227.95	227.95	Appn. A/c		—	—	—
Auckland Savings Bank — Conservation and Entomology Storage	1,858.45	130.09		Cap. Grant	130.09	1,988.54	Appn. A/c		—	—	—
Disabled Access			5,000.00	Window Mtce	5,000.00	5,000.00	Appn. A/c		—	—	—
Building Maintenance	35,441.76	2,480.92	5,088.15	Appn. A/c	22,569.07	10,074.95	R & M A/c		47,935.88	47,935.88	47,935.88
Exhibition, Auckland's Environment — Local Authorities and General	8,682.49	607.77	333.33	Donation	941.10	2,512.05	Appn. A/c		—	—	—
						7,111.54	Display Dev.		60.34	60.34	60.34
Finch — Photographic Equipment	56.39	3.95				3.95			1,963.12	1,963.12	1,963.12
Depreciation of Investments	1,834.69	128.43		Dep'n.	25,132.84	10,895.35	Appn. A/c		65,401.70	65,401.70	65,401.70
Depreciation of Assets	56,501.26	3,955.08	21,177.76			5,337.05	R & M A/c		—	—	—
Educational Publications	3,123.66	218.66				3,342.32	Publn. A/c		510.40	510.40	510.40
Educational Service Grants	625.70	43.80	1,496.00	Grants	1,539.80	1,655.10	S/Service		418.95	418.95	418.95
Government Grants — Conservation Programme 1979/80	1,407.86					988.91	Appn. A/c		—	—	—
Administration of Antiquities Act	—		5,000.00	Grant	5,000.00	5,000.00	I & E A/c		14,422.00	14,422.00	14,422.00
Art Galleries and Museums Scheme			11,000.00	Grant	11,000.00	11,000.00	I & E A/c		492.48	492.48	492.48
Conservation Grant 1981/82			23,920.00	Grant	23,920.00	9,498.00	I & E A/c		252.52	252.52	252.52
Orton — Geology	460.26	32.22				32.22			500.00	500.00	500.00
Specimens — Ethnographic Specimens	962.64	67.38				67.38	Appn. A/c		3,718.24	3,718.24	3,718.24
Malacology Donations			500.00	Donations	500.00	777.50			719.70	719.70	719.70
Members' Library Purposes Fund	6,267.02	438.69	2,184.00	Donations	2,622.69	5,171.47	Appn. A/c		11,714.95	11,714.95	11,714.95
Members' Specimen Purchase Fund	2,387.57	167.13	940.00	Donations	1,107.13	2,775.00	Appn. A/c		70,285.92	70,285.92	70,285.92
Memorial Halls	10,948.55	766.40				766.40			2,289.28	2,289.28	2,289.28
Museum Display Development Fund — Dixon Bequest	56,824.11	3,977.69	1,633.83	Bequest	5,611.52				138.41	138.41	138.41
Transfers and Donations			12,367.29	Various	12,367.29	4,517.00	Trav. Grant		65,838.16	65,838.16	65,838.16
Field Grant	2,139.51	149.77				149.77			2,570.08	2,570.08	2,570.08
Geographical Grant	129.36	9.05				9.05			5,350.00	5,350.00	5,350.00
Publications Reserve	57,338.68	4,013.71	8,690.95	Publn. A/c	12,704.66	4,205.18	Publn. A/c		1,064.76	1,064.76	1,064.76
Reserve for Building Additions	2,401.94	168.14				168.14			3,381.78	3,381.78	3,381.78
Scientific Research Distribution Committee — Entomology			9,000.00	Grant	9,000.00	9,000.00	Appn. A/c		2,052.07	2,052.07	2,052.07
Hith & Caughey Ltd. — Centennial Gift	5,000.00	350.00				350.00			—	—	—
Special Visitors' Fund	995.10	69.66				69.66			7,768.57	7,768.57	7,768.57
Specimen Purchase Fund	1,893.11	132.52	4,500.00	Appn. A/c	4,632.52	3,143.85	Appn. A/c		308,849.31	308,849.31	308,849.31
Specimen Purchase — Disney Fund	1,442.74	100.99	8,188.89	Grant	8,289.88	7,680.55	Appn. A/c		—	—	—
Window Maintenance	23,793.11	1,665.52				20,370.48	R & M A/c		—	—	—
						5,088.15	Bldg. Mtce		—	—	—
John Logan Campbell Trust — Restoration of Stonework	8,551.00	598.57				598.57			—	—	—
	291,066.96		20,276.14	136,248.15		156,524.29	138,741.94		308,849.31	308,849.31	308,849.31

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT  
(A summary of this account is included in the Statement of Trusts)

	1982 \$	1981 \$		1982 \$	1981 \$
<b>Capital Expenditure —</b>			<b>Rents Received</b>	54,710	54,710
Collections .....	9,657	11,901	Less Expense —		
Equipment .....	—	116	Insurance .....	107	62
Library .....	13,496	15,929	Repairs and Maintenance .....	69	170
	23,153	27,946		176	232
 <b>Archaeology —</b>			 <b>Net Rents</b> .....	54,534	54,478
Salary, Wages and Superannuation .....	24,071	20,880			
Travelling, Field Expense & Sundry .....	1,832	1,303	 <b>Interest and Dividends —</b>		
	25,903	22,183	Term Deposit, Bank of N.Z. ....	1,233	—
 Transfer to Obsolescence Fund .....	5,973	5,973	Local Authority Stock .....	—	583
Interest on Obsolescence Fund .....	418	—	N.Z. Government Stock .....	—	192
	6,391	5,973	Trust Companies .....	—	1,752
			Dividends etc. ....	—	142
 Loss on realisation of Investments .....	—	6,678		1,233	2,669
 Balance carried down .....	6,080	5,760	 Balance brought down .....	5,760	11,393
	\$61,527	\$68,540		\$61,527	\$68,540

Transfer to Obsolescence Fund	5,973	5,973	N.Z. Government Stock	1,752	2,669
Interest on Obsolescence Fund	418	5,973	Trust Companies	142	
	6,391	5,973	Dividends etc.	1,233	
Loss on realisation of Investments	—	6,570			
	6,391	6,570			

# **FUNDS WERE PROVIDED:**

## **(1) From Operations:—**

### **General Funds**

Excess of Income over Expenditure	79,117	
Items not involving movement of funds —		
Depreciation of Assets	21,178	100,295

### **Special Funds**

Donations and Bequests	134,102	
Interest and Dividends	32,013	
	166,115	

Less Expended on Operations	114,156	51,959
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<b>Total Funds from Operations</b>		<b>152,254</b>
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## **(2) From Other Sources:—**

Decrease in Net Current Assets	47,424	
Realisation of Investments	4,978	52,402
		<b>\$204,656</b>

# **FUNDS WERE APPLIED TO:**

Purchase of Fixed Assets	108,284	
Purchase of Investments	96,372	
		<b>\$204,656</b>

## **MOVEMENT IN NET CURRENT ASSETS**

<b>Increase:</b>			
Stocks	30,907		
Subscriptions in Advance	93		
Subscriptions in Arrear	450	31,450	
<b>Decrease:</b>			
Cash at Bank	50,200		
Debtors and Prepayments	20,266		
Trade Creditors	8,408	78,874	
<b>Decrease in Net Current Assets:</b>		<b>\$47,424</b>	

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**AUCKLAND INSTITUTE AND MUSEUM**  
**NOTES TO THE ACCOUNTS FOR YEAR ENDED 31st MARCH, 1982**

**(1) STATEMENT OF ACCOUNTING POLICIES**

These accounts have been prepared in accordance with general accounting principles recommended by the New Zealand Society of Accountants for the measurement and reporting of earnings and financial position on a historical cost basis.

The following particular accounting principles which materially affect the measurement of income, and of the overall financial position as disclosed by these financial statements, have been applied:—

**(a) Stocks**

Stocks in all instances are valued at the lower of cost or net realisable market value. Adequate provision has been made for obsolescence, deterioration, or damage.

**(b) Investments**

- (i) The book value of Shares and some Government and Local Authority Stocks represents the market value pertaining at the date of gift or bequest.
- (ii) Kent Street property is shown at the Government valuation at the date of the gift.
- (iii) Overseas investments, including bank balances, have been converted to New Zealand currency at rates of exchange ruling on 31st March, 1982.
- (iv) Other investments, including the Vaile Trust property at Wiri, are shown at cost.

**(c) Fixed Assets**

Fixed Assets are shown at cost in the balance sheet. Collections which have been donated or bequeathed to the Museum are not included due to the nature and impracticability of valuing such assets.

**(d) Depreciation**

- (i) Depreciation on a straight-line basis in accordance with the estimated economic lives of the assets has been made on Shop and Coffee Lounge assets; Museum Furniture and Fittings, Displays, Equipment and Tools; the Vaile Trust building at Wiri, and the W.L. Cooke building, Newmarket.
- (ii) In the case of Motor Vehicle and Auditorium assets, a fixed amount is charged and set aside annually to Reserve to cover depreciation and eventual replacement of these assets.
- (iii) No depreciation is provided for the Building; instead, lump sum transfers, as determined by Council, are normally made each year to the appropriate Building Reserve. (With the completion of the Window Replacement programme, the balance of the Window Maintenance Reserve has been transferred to Building Maintenance Reserve, and a further transfer of \$15,000 was made out of Income.)

**(e) Trusts, Endowments etc.**

Funds received for special purposes are placed in a reserve, and

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recognised as income in the year in which such funds (or the interest arising from them) are spent.

## (f) Income

- (i) Revenue from sales and services includes both cash and credit sales. Bad debts have been written off where appropriate.
- (ii) Investment income is included on an accrual basis, except that interest received from sums on term deposit is recorded on a cash basis.

The only change in accounting policies as compared with the previous year relates to the charging of depreciation on Museum Furniture and Fittings, Displays, Equipment and Tools.

## (2) INCOME FROM GENERAL ENDOWMENTS

Except in the case of Life Members Subscriptions (the interest from which under the Institute Rules shall be applied to the uses of the Institute and Museum) income from other General Endowments has been allowed to accumulate.

## REPORT OF THE AUDIT OFFICE

The Audit Office, having been appointed in terms of section 13, Auckland War Memorial Museum Maintenance Act 1979, has audited the financial statement of the Auckland Institute and Museum.

The audit was conducted in accordance with generally accepted auditing standards and practices.

In the opinion of the Audit Office, the attached financial statements fairly reflect the financial position as at 31 March, 1982 and the results of the financial operations for the year.

25 August 1982

I.S. Sivyer  
for Controller and Auditor-General

## MEMBERS AUCKLAND INSTITUTE AND MUSEUM

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J.C. Fenton, Esq.	W.B. Dixon Stroud, Esq.
Sir William Mackay, O.B.E., M.C.	Walter Taipari, Esq.
R.S. Milne, Esq., C.B.E.	E.G. Turbott, Esq., Q.S.O., M.Sc., F.M.A.N.Z.
Sir Kenneth B. Myers, M.B.E.	
A.W.B. Powell, C.B.E., Hon.D.Sc., F.R.S.N.Z., F.M.A.N.Z.	

### LIFE MEMBERS

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Adams, L.	Beever, R.E., M.Sc.(Auck), Ph.D. (Leeds)
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Alldritt, C.	Bellingham, J.E.
Allen, Mrs F.G.H.	Belsham, L.R., B.A.
Allen, L.R., M.Sc., M.A., Ph.D.	Bennett, Rev. D.M.T.
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Alward, Mrs E.	Bierre, N.W., Dip.Arch., A.N.Z.I.A.
Ambler, F.N., O.B.E.	Bishop, Miss Brenda, M.A., B.Com.
Anderson, R.L.	Bishop, John J.
Armstrong, R.W., M.A., Ph.D., M.P.H., M.R.S.H.	Bishop, T.A., O.B.E., M.M., B.A.
Arthur, Mrs Nola V., N.Z.L.A. Cert., A.N.Z.L.A., A.L.A.A.	Bishop, W.N.
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Ashby, M., M.Sc.(Hon).	Blackwell, J.G.
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Bach, C.R., E.D., B.Sc.	Bonham, Professor D.G., O.B.E., M.A., M.B., B.Chir. (Camb.), F.R.C.S., F.R.A.C.S., F.R.C.O.G.
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Bailey, E.	Booth, C.H.
Baker, D.H.	Bourke, Mrs N.J., Q.S.M., J.P.
Ball, Mrs J.E.M.	Bow, A.F.
Bamford, Miss N.R., B.A.	Bowling, Miss R.
Bannister, M.H.	Boyd, R.A., E.D.
Barbarich, J.P.	Braggins, J.E., M.Sc.
Barnes, J.R., B.D.S.	Brake, Brian
Barnfather, R.L.	Brehmer, K., B.A.
Bartlett, W.H.	Bremner, Miss H.M.
Baskett, Dr J.J., M.B., Ch.B., F.R.A.C.P.	Brett, Miss Marguerite
Baskett, Dr Noel	Brett, Miss Philippa
Baskett, Mrs P.A., M.A.	Brialey, Miss F.M.G.
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 Brook, Miss P.J.  
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 Hon. F.I.F.S.T. (N.Z.)  
 Brooking, C.T., E.D., M.A., Dip.Ed.  
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 D.I.C.(Lond.), F.G.S., F.R.S.N.Z.  
 Brown, Arthur, A.C.A.  
 Brown, A.G.  
 Brown, Mrs B.  
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 Brown, H., B.A.  
 Brown, Harvey St. C.  
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 Brown, Mrs Judith C.  
 Brown, Julian  
 Brown, W.G.  
 Browne, G.H., F.C.A., J.P.  
 Browne, W.E., B.Sc.  
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 Ph.D.  
 Buddle, J.F.  
 Bull, Peter C., D.Sc.  
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 Burrett, Mrs E.M.F.  
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 Buttle, J.R.  
 Bytiner, Mrs L.I.  
 Cairns, Dr F.J.  
 Cambie, Professor R.C., M.Sc., Ph.D.,  
 D.Sc., A.N.Z.I.C.  
 Campbell, Philip  
 Campbell, T.M., A.M.I.C.E., M.N.Z.I.E.  
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 Carson, Mrs M.B.  
 Carver, Mrs H.M., M.A.  
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 Agr., D.Th.  
 Caughey, Professor J.E., M.D., F.R.C.P.  
 Caughey, J. Stuart  
 Caughey, Mrs R.H.  
 Caughey, W.G.  
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 Church, Mrs B.A.  
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 Clarihew, G.S.  
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 Clarke, E.C.  
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 Colebrook, D.  
 Collier, R. Bruce  
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 Ph.D., F.R.S.N.Z.  
 Colquhoun, J.A., B.D.S., Dip.Ed.  
 (Sydney), M.Phil.  
 Comber, Dr R.E.H., M.B., Ch.B.,  
 F.F.A.R.A.C.S.  
 Cooke, A.C.  
 Cooke, B.L.  
 Cooke, D.L.  
 Cooke, D.W.L.  
 Cooke, Mrs M.E.  
 Cooke, W.L.  
 Cooke, W.L., Jnr  
 Cookson, F.G.  
 Coop, Dr H.V., F.R.C.S. (Eng.)  
 Corbett, Captain D.A., A.F.R.A. & S.  
 Couldrey, H.W.  
 Craig, J.C.  
 Crockett, R.M., B.Com.  
 Crocombe, Professor R.G.  
 Crompton, W.J.  
 Crookes, Miss M.W., M.A.  
 Crum, Mrs E.D.  
 Cunningham, A.D.  
 Currie, Mrs W.J. M.Sc.  
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 Dale, T.J.  
 Dalton, F.J.  
 Dare, P.H.  
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 Dip.T.P. (Auckland), M.N.Z.P.I.,  
 M.N.Z.I.S.  
 d'Auvergne, Mrs C.E.M.  
 Davis, Associate-Professor B.R., M.Sc.,  
 Ph.D.(N.Z.), D.Sc., D. Phil. (Oxon.),  
 F.N.Z.I.C.  
 Davis, F.W., D.F.A.  
 Dearing, J.

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de Courcy, N.R.  
Delamore, A.R.  
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Diamond, J.T.  
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Dignan, Wing Commander P.B., R.A.F.  
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Dingley, Miss J., M.Sc.  
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Dixon, L.G.  
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(N.Z.), F.R.C.P. (London), F.R.A.C.P.,  
D.C.H. (England)  
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(Cantab.), F.R.E.S.  
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Ellis, Associate Professor R., A.R.C.A.,  
R.B.A., M.N.Z.S.S.P., F.R.S.A.  
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Elwell, Mrs E.M., N.Z.R.N., Dip.N.  
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F.N.Z.L.A.  
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Fenwick, Dr. G., F.R.A.C.S.  
Ferguson, A.L.  
Ferguson, A.R., B.Sc.(Hons.), M.Sc.,  
Ph.D., A.N.Z.I.C.  
Firth, C.W., M.Sc., M.I.C.E., M.I.W.E.,  
F.N.Z.I.E.  
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Gardner, J.J.C.  
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Gentles, J.A.  
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F.R.E.S.  
Gillard, A.J., Dip.Urb.Val.  
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Gluckman, Dr L.K., M.D.,  
M.A.N.Z.C.P., F.R.A.C.P.,  
F.R.N.S.N.Z.  
Goldie, Mrs J.H.  
Goodey, J.H., M.Sc., A.N.Z.I.C., M.C.  
Goulding, Miss J.H.  
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Graham, Mrs M.F.S., M.A.  
Graham, J.S., M.A.  
Gray, Miss N.J., B.A.  
Gregory, Mrs B.S.  
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Grimes, E., M.A.  
Grimes, Ron, B.Sc.  
Gunson, D.W.
- Haigh, S.B.  
Hall, Rev. Allen H., M.A. (N.Z.),  
Dip.Tchg., M.A. (Qld), Ph.D. (Qld).  
Hall, Professor D., M.Sc., Ph.D., D.Sc.,  
F.R.S.N.Z., F.N.Z.I.C.  
Hall, Mrs M.A.  
Hamilton, G.D., M.I.C.E., M.N.Z.I.E.  
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Hanna, Dr D.M.  
Hannken, P.B., M.Sc.  
Hardy, Mrs Ann

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Harrington, N.  
Harris, A.  
Hartnell, S.F.  
Harvey, Mrs Z.L.  
Hatch, E.D.  
Hayes, D.C.  
Hayman, L.T.  
Hayward, Dr B.W.  
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Henley, G.D.  
Henley, J.C., D.C.M., E.D.,  
R.N.Z.A.M.C.  
Hensen, R.C.H.  
Hesketh, C.R., D.F.C., Ll.B.  
Hintz, O.S., C.M.G.  
Hipkins, A.K.  
Hirst, C.H.  
Hitchcock, Dr G.C., D.F.C., M.D.,  
F.R.C.P.A.  
Hitchcock, Mrs Jocelyn, Dip.H.Sci.  
Hitchens, L.W.  
Hjorring, V.K., B.Sc.  
Hole, Mrs G.  
Hole, G.I., B.Arch., F.N.Z.I.A.  
Holland, H.C., O.B.E., M.Sc., Ph.D.  
(Leeds), Hon. D.Sc., F.R.I.C., F.N.Z.I.C.  
Holland, Mrs W.  
Hollier, R.J., Dip. Hort.  
Holt, Mrs J.H.  
Hood, Mrs F.L.  
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Hooton, Professor D.J., M.Sc. (N.Z.),  
Ph.D. (Edin.), F.Inst.P.  
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Horrocks, J.A., E.D., A.C.A., F.N.Z.I.M.  
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Howlett, Mrs N.  
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Hughes, Miss B.J., Dip.N.  
Hughes, Dr Elizabeth, O.B.E.  
Hunt, F.A.I.  
Hunt, Miss F.I.  
Hunter, Mrs Joan  
Hunter, L.O., A.M.I.E.E.  
Hunter, Ms Z.  
Hurrey, Miss M.L. B.A.  
Hynes, M.F.

Innes, C.B., F.R.C.S.  
Irvine, A.A., B.A.  
Izard, Miss A.  
  
Jacks, H., M.Agr.Sc., Ph.D., D.Sc.,  
Dip.Ed., Dip.For., Dip.Admin.  
Jackson, A.G., M.S.I.A., I.D.S.A.,  
N.Z.S.I.D.  
Jackson, G.W., F.R.G.S.  
Jackson, J.R., B.Sc.  
Jackson, P.D., B.Com.  
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Johnston, Mrs M.G.  
Jones, B.H., J.P.  
Jones, G.M., Ll.B.  
Joyce, N.S., B.Agr.Sc.  
  
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B.Sc., D.Phil. (Oxon).  
Keam, Associate-Professor R.F., M.Sc.,  
B.A. (Cantab.)  
Kear, D., B.Sc., B.Sc. (Eng.), Ph.D.,  
A.R.S.M.  
Keay, Mrs N.  
Keenan, T.J.  
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Kerr, R.W.  
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(N.Z.), Ph.D., D.I.C. (Lond.), F.Inst.P.  
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King, J.L.  
Kingston, B.H., Ll.B.  
Kingston, J.R.  
Kingston, Mrs J.R.  
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Kissin, Joseph  
Kivi, Mrs W.B.  
Knowing, J.E., M.B.E., B.Com., F.C.I.S.  
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Kuschel, G., M.Sc., Ph.D.

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 Lawson, S.A.  
 Laxon, W.A., L.I.B.  
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 Lennox-King, Commander J.  
 Le Quesne, Colin, J., M.Sc.  
 Le Quesne, Philip, M.Sc., Ph.D.  
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 Leys, T.H.  
 Liggins, C.D., B.D.S.  
 Linzey, J.T.  
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 Lloyd, R.C., B.Sc.  
 Longden, R.H.  
 Lowry, L.  
 Lucas, Cuthbert  
 Lucena, L., E.D., B.A.  
 Luckens, F.S.D., C.Eng., M.I.E.E., M.N.Z.I.E.  
 Luckens, Penelope A., Ph.D.  
 Lusk, J.O., L.I.B.  
  
 McCabe, Father P.  
 McCallum, J.  
 McCay, Rev. S.J.D., M.A.  
 McClelland, A.C., M.Sc.  
 McCorquindale, C.J.R., J.P.  
 Macdonald, J.  
 Macdougall, Dr. Mavis, M.B., Ch.B., Dip.Ven.  
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 McFarland, Miss M.  
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 McIntyre, P.J.  
 McKinnon, I.W., F.I.C.E., F.N.Z.I.E., J.P.  
 McMillan, N.A.C., M.A.  
 McPhail, Surgeon Captain E.S., C.B.E., V.R.D., R.N.Z.N.  
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 Mahon, R.B.G., L.I.B.  
 Manchester, Mrs Lois Y.  
  
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 Mappin, Miss L.  
 Marino, B.F., B.E. (Hons), M.N.Z.I.E.  
 Marks, Mrs J.  
 Marshall, A.C., M.Arch. A.R.I.B.A., A.N.Z.I.A.  
 Martin, K.A.  
 Mason, A.P., M.Sc.  
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 Massey, Mrs Lorna M.  
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 Matthews, Professor R.E.F., M.Sc., Ph.D., Sc.D., F.R.S., F.N.Z.I.C., F.R.S.N.Z.  
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 Maxted, Miss M.  
 May, Mrs B.M.  
 Mays, Mrs K.  
 Meikle, Mrs P.C., M.A., Dip.Ed.  
 Mercer, J.E.  
 Merritt, Mrs R.  
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 Mill, F.D.  
 Millener, Professor L.H., M.Sc., Ph.D.  
 Millener, P.R., M.Sc. (Hons.)  
 Miller, K.M.  
 Mills, A.L.F., A.C.A.  
 Minn, H.R., M.A., B.D., Ph.D.  
 Mitchelson, E.J.  
 Mollard, Miss S.M.  
 Monk, F., B.A., M.Com.  
 Moore, P. Eisdell, M.B., Ch.B., F.R.C.S., F.R.A.C.S., D.L.D.  
 Mossman, J.T.E.  
 Moyle, Miss E.H., M.A., Dip.Ed.  
 Moynihan, R.  
 Muir, Brian D., B.A.  
 Munro, J.N.  
 Murdock, C.G.  
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 Myers, A.D.  
  
 Nash, Dr M.D., M.B., Ch.B., M.R.C.G.P.  
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 Newhook, Professor F.J., M.Sc., Ph.D.  
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 Nicholls, G.A., M.Sc., Ph.D., F.N.Z.I.C.  
 Nicholson, C.F.  
 Nicholson, Mrs I.E., M.Sc.  
 Nicholson, Mrs O.R.  
 Nieurkerke, K.H.P., B.E., M.Sc. Ph.D.

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Nobbs, Dr C.L., M.Sc., Ph.D. (Auck).  
B.Sc. (Econ) (Lond.)  
Nolan, Miss B.  
Nugent, V.G.  
  
Olsson, B.H., O.B.E., B.Sc.  
O'Loughlen, Miss R., B.A.  
Orbell, Miss M., M.A.  
Otway, Dr. W.F.  
  
Packer, J.E., M.Sc. (N.Z.), Ph.D.  
(London), F.N.Z.I.C.  
Painter, Mrs Gilian, B.A., Dip. Ed.  
Parkinson, G.L., B.A.  
Parr, Mrs E.C., B.Sc.  
Paterson, Dr Andrew, M.B., Ch.B. (N.Z.),  
M.R.C.G.P.  
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F.I.M.H.  
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Paterson, M.B., B.A.  
Paterson, M.J.  
Paton, E., M.B.E.  
Pegler, Russell J.  
Pendergrast, Professor J.G., M.Sc.,  
Ph.D., D.I.C.  
Penfold, Mrs V.B.  
Percy, Mrs Eleanor A., M.Sc.  
Percy, Professor J.H., B.Sc., B.E. (N.Z.),  
Ph.D. (Camb.), F.N.Z.I.E.  
Perkins, G.C., M.Sc.  
Perry, D.L., B.Com., F.C.I.S., A.C.A.  
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Pitt, Miss S.E.  
Pitt-Stanley, J.  
Plantey, P.  
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Prins, H.C., B.D.S. (N.Z.)  
Purdie, Dr D.A.  
Purvis, Dr G.S.  
Pycroft, L.T.J.  
Pycroft, R.T.  
  
Ramsay, G.W., B.Sc., M.Sc. (Hons.),  
Ph.D.  
Rands, M.B., M.Sc., F.N.Z.I.C.,  
F.I.F.S.T. (N.Z.)  
Rattenbury, Professor J.A., M.A., Ph.D.

Reddington, M.S.  
Reece, E.E.  
Revell, G.L.  
Reynolds, Mrs S., M.A.  
Richwhite, C.M.  
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F.F.A.R.C.S.  
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Roberts, Miss D.J.  
Roberts, Dr R.H.  
Roberts, R.V.  
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Robertson, Ian B.  
Robertson, Lady  
Robertson, Mrs S.I.R.  
Robinson, Sir Dove-Myer  
Robinson, M.V.  
Robinson, Professor R.A., D.Sc., Ph.D.  
Roche Dr, A.H.G., M.B., Ch.B. (N.Z.),  
F.R.A.C.P.  
Roche, E.H., M.C., M.D., F.R.A.C.P.  
Roche, E.J., B.E., M.I. Mech.E.,  
M.N.Z.I.E.  
Rogers, J., M.Sc., Ph.D. (Cantab.),  
F.N.Z.I.C., M.A.I.M.E., M. Aust.  
I.M.M.  
Robinson, D.T.H. M.A.  
Roscoe, Miss D.K.V.  
Ross, Mrs L.A.S.  
Ross, Mrs M.  
Ross, M.M., Dip.F.A. (Hons.)  
Ross, Mrs Ruth  
Ross-Lowe, W.H., M.B.E.  
Rowlands, R.P.V.  
Rowley, E.O.  
Rowntree, Miss F.M., B.H.Sc., Dip.Tchg.  
Rowntree, J.B., B.E., B.Sc.  
Roy, B.  
Rumsey, S.A.  
Russell, M.L.  
Russell, Mrs T.G.  
  
Salmon, E.P., O.B.E., J.P., F.C.A.,  
F.C.I.S.  
Salmond, Mrs Katharine  
Salmond, R.J.  
Sanderson, Mrs H., M.Sc.  
Sayes, Mrs P.  
Sayes, Miss S.A.

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- Schischka, J.F.Y., M.B.E., V.R.D. and  
Clasp, B.Com., F.C.A., F.C.I.S.
- Scholes, J.A.
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- Scott, I.G., E.D.
- Scott, R.G.
- Seabrook, Mrs J.
- Seager, R. Philipp
- Searle, Professor E.J., D.Sc.
- Seelye, R.N., M.Sc., D.Phil. (Oxon.)
- Segedin, Barbara P., M.A., Ph.D.
- Segedin, Professor C.M., M.Sc., Ph.D.
- Shadbolt, M.
- Sheppard, Professor E.A., M.A.
- Shirley, P.W.
- Sibson, R.B., M.A.
- Sibson, Mrs R.B.
- Simmonds, R.F.S.
- Simmons, D.R., M.A.
- Simon, Mrs J.A.
- Skinner, P.M., C.Eng., M.I.Mech.E.
- Smale, David
- Smart, W.E.
- Smith, Dr D.J., B.A., M.A., Ph.D.
- Smith, R.C.K.
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- Speakman, J.F., B.Com., Ll.B., A.C.A.,  
A.C.I.S.
- Speedy, Mrs S.
- Speedy, Squire L.
- Spiller, D., Ph.D.
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- Spragg, R.F., E.D., B.Com., A.C.A.
- Spring-Rice, Mrs W.
- Stace, K.M., B.Arch (Hons)
- Stamp, Professor A.P., D. Phil.
- Staveley, Sir John, K.B.E., M.C., M.B.,  
Ch.B.(N.Z.), F.R.C.P. (Edin.), F.R.A.C.  
(Path.)
- Steen, D.H., M.Com.
- Stein, P.F.
- Stephenson, B.A., M.Sc.
- Stevens, F.S., J.P., A.C.G.E., F.N.Z.I.M.
- Stevens, L.J.
- Stevenson, A.G., M.A., B.Sc.
- Stevenson, Miss E.M.
- Stevenson, R.S.
- Stewart, Dr J.H.
- Straka, G., B.Sc., M.Sc.
- Stevens, W. John, B.A., B.Com., A.C.A.
- Stuart, Miss R.
- Sutcliffe, Mrs Olga M.
- Sutton, D.G., Ph.D., M.A., B.A. (Hons)
- Sylvester, R.A., M.A.
- Talbot, A.W.R.
- Talbot, Mrs E.M.F.
- Talbot, Dr R.R.
- Tandy, A., D.C.M., M.M., C.deG.,  
C.deL., A.F.N.Z.I.M.
- Tandy, T.A., M.Sc. Eng. (Kobe), B.E.  
(Civil)
- Tattersfield, P.A.
- Taggle, B.N., A.A.S.A., A.C.I.S., A.C.A.
- Taylor, Commander C.J., B.Sc.,  
R.N.Z.N.
- Taylor, Mrs C.M.
- Taylor, F.C.D., B.Com.
- Taylor, F.J., Ph.D.
- Taylor, Mrs G.M., M.Sc.
- Taylor, Miss L.I., M.P.S.
- Taylor, M.J., M.A., D.Phil. (Oxon.),  
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- Thomas, R.E.
- Thomas, S.W.
- Thompson, B.N.
- Thompson, Mrs F.
- Thorburn, G.L.
- Thwaites, I.G., B.A., Dip. N.Z.L.S.,  
A.N.Z.L.A.
- Tidswell, Mrs J.R.
- Tillson, Mrs H.D.
- Titchener, Professor A.L., B.Sc., B.E.  
(N.Z.), Sc.D. (M.I.T.), A.O.S.M.,  
A.M.I.Mech.E., M.N.Z.I.E.,  
M.A.I.M.E., F.I.M.
- Tonson, A.E., F.R.G.S., F.R.S.A.,  
F.H.S.A. F.H.S.N.Z.
- Towers, J.H.
- Traub, Mrs J. Trevarthen, B.Sc.
- Trebilcock, Miss E.D.
- Trevarthen, C.B., M.Sc., Ph.D.
- Tudehope, Mrs Nancy W.
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- Turnbull, L.P.
- Turner, K.H.
- Turner, R.J., B.E., C.Eng., M.I.C.E.,  
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- Vaile, Gordon
- Varshney, A., Mech.Eng.
- Veal, Mrs K.J.



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Veitch, C.R.  
Verry, R.B., A.C.A.  
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Wadman, B.A., A.C.C.  
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Wain, Mrs C.E.  
Walker, W.L.  
Wallace, J.H., Q.C.  
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Ward, A.L., A.C.A.  
Ward, D.L.  
Wardell, F.N.  
Warren, P.K.  
Warren, Dr P.S., M.B., Ch.B.  
Warren, Dr R.A., B.A., M.B., Ch.B.,  
M.R.C.O.G.  
Waters, Professor T.N.M., M.Sc., Ph.D.  
(N.Z.), D.Sc., A.N.Z.I.C.  
Watkins, Mrs Janet M.  
Watson, A.C.  
Watson, A.P.B., M.A. (Oxon.)  
Watson, G.J.  
Watson, Ruth F., M.Sc., Ph.D.  
Watson, Mrs S., LL.B.  
Watt, J.C., M.Sc., D.Phil., F.R.E.S.  
Webber, C.E.R.  
Weir, D.M., A.C.A., A.C.I.S.  
Weir, P.B., B.A., LL.B.  
West, J.A.  
Weston, G.C., B.Sc., M.A. (Oxon.)  
Whitcombe, Miss J. Noel  
White, E.G.  
White, G.R.  
White, Mrs L.A.

White, Miss M., B.A.  
Whitney, W. Chisholm  
Whittaker, Miss E., B.Sc. (Lond.)  
Whittaker, J.M.  
Whitwell, H.J., M.A., Dip. Ed.  
Wickham, Dr N.E.  
Wilkins, R.C., A.F.N.Z.I.M., A.C.F.I.,  
A.I.C.M. (Aust.), J.P.  
Wilkinson, L.J.  
Willan, R.C., M.Sc., Ph.D., A.R.A.D.  
Williams, Mrs M.  
Williams, Mrs Pauline, B.Sc.  
Willis, E.D.  
Willmot, J.R., B.A., Dip. Ed.  
Wilson, Mrs A.M.  
Wilson, Lewis  
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Wilson, W. Scott  
Winstone, E.G.  
Wise, K.A.J.  
Wiseman, M.H.  
Woodward, T.E., M.Sc., Ph.D.  
(Lond.), D.I.C.  
Woolford, Mrs N.  
Wordsworth, Mrs J.  
Wright, A.E., M.Sc.  
Wright, Dr D.J.  
Wright, Miss M.  
Wrigley, A., A.N.Z.I.M.  
Wylie, Mrs E.A., Q.S.M., J.P.

Yock, R.A.  
Young, Professor E.C., M.Sc. (N.Z.),  
Ph.D. (Lond.)

## MEMBERS

Abel, D.B.  
Abel, R.C., B.A.  
Adair, Mrs Patricia A.  
Adam, J.P., Dip. Hort., Dip. Parks & Rec.,  
N.C.H.  
Adams, Rev. G.O., B.A., LL.B., L.Th.  
Adams, M.  
Aldis, W.C.A., M.A., B.Com.  
Alexander, C.J.  
Alexander, E.R.  
Alexander, Mrs M.W.  
Algic, Mrs C.M.  
Allen, D., B.Sc., Dip. Met.  
Allen, H.R., B.A. (Syd.), Ph.D. (A.N.U.)  
Allen, R.  
Annabell, A.R., M.A., Ph.D.  
Annandale, Mrs D.

Anson, D., M.Phil.  
Archdall, Mrs Rose I.  
Arentewicz, G., Dip. Psych, Ph.D.  
(Hamburg)  
Arlington, S.C.  
Astley, L.  
Atchison, J.D., A.C.I.I.  
Atkinson, A.B.  
Atkinson, C.N.  
Atkinson, Mrs E.M.  
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Baer, B.  
Baker, D.A.

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- Baldwin, A.D.  
Ball, C.J.  
Ball, R.A.  
Ballantine, W.J., M.A., Ph.D. (Lond.)  
Ballantyne, D.  
Ballara, Mrs A., M.A.  
Barclay, D.  
Barclay, R.W., A.C.A.  
Barfoot, V.H., B.Sc.  
Barlow, Mrs E.A.  
Barnard, Mrs J.H.  
Barnett, Mrs Pamela, B.A.  
Barratt-Boyes, Sir Brian, K.B.E., M.B.,  
Ch.M., F.R.C.S., F.R.A.C.S.,  
F.R.S.N.Z.  
Barrett, F.  
Bartlett, E.L., Ll.B.  
Bartlett, J.K., B.Sc. (Hons) (Syd.)  
Bartlett, P.J.  
Barr, J.M.  
Barton, I.L., B.Sc.  
Bates, Mrs B.  
Bateson, F.M., O.B.E., F.R.A.S.,  
F.R.A.S.N.Z., F.A.A.A.S.  
Batt, Dr A.L., B.A., M.B., Ch.B., Dip.Ed.  
Batterbee, D.G.  
Bayley, Mrs J.M., B.Sc.  
Bayliss, T.J.  
Baynes, Miss S., B.A., M.A.  
Beachman, F.S.  
Beadle, Professor P., M.N.Z.S.S.A.,  
M.N.Z.S.I.D., M.F.I.M., F.R.S.A.  
Beavis, Mrs Dorothy J.  
Beasley, M.J.  
Beattie, G.D.  
Beckett, Miss V.  
Beckett, W.G.  
Beckham, A.J.  
Bedford, Miss Jennifer J., B.Sc.  
Beever, J., B.A., Dip.Ed.  
Belgrave, M.P., B.Soc.Sc., M. Phil.  
Bell, A.B., B.Sc.  
Bell, Miss J.  
Bell, L., B.A., Dip.A.H. (Edinburgh)  
Bell, Mrs P.A., B.Sc.  
Bennett, R.G., M.A., B.Com., A.C.A.  
Bentley, R.M., M.A.M.S.E.C.T.  
Beresford, G.D.  
Berry, A., B.A., B.Sc., Dip.Ed.,  
Adv.Dip.Tchg.  
Best, S., M.A.  
Bigelow, R.C.  
Biggs, Professor B.G., M.A., Ph.D.,  
F.R.S.N.Z.  
Binney, D.H., D.F.A., N.Z.S.S.P.  
Binney, Mrs J.M.C., M.A.  
Bird, Mrs V.  
Birks, T.L.  
Black, Mrs M.S.  
Blackie, Mrs D.W.  
Blackie, Flt-Lt. P.L.  
Blackley, R., M.A. (Hons.)  
Blake, Mrs E.L.  
Blake, Mrs Felicity A.  
Blazer-Koppius, E.A.  
Blow, A.W.  
Bodley, D. La M., M.A., Dip. Ed.,  
Dip.Tchg.  
Boggs, R.O.  
Boileau, Professor I.E., M.A. (Camb.),  
Ph.D. (Manc.), Dip. T.P. (Lond.),  
M.T.P.I., F.A.P.I., M.N.Z.P.I.  
Bollard, E.G., B.Sc., Ph.D., F.R.S.N.Z.  
Bolt, P.A.  
Bond, Mrs P.  
Bone, Mrs W.E.  
Bonner, Mrs M.H.  
Bougen, P.  
Bowden, G.R.  
Bowen, F.E.  
Bowmaker, G.A., B.Sc., Ph.D. (Sydney),  
M.N.Z.I.C., A.R.A.C.I.  
Bowman, Ms G.  
Boyes, Mrs B.  
Boyes, Miss P.M., M.P.S.  
Boyle, Miss G.D., M.A. (Hons.)  
Bracewell, J.  
Bracey, N.C.  
Bradstock, C.A.  
Brenchley, Mrs D.  
Brereton, D.A.  
Brereton, Lt.-Commander W.H., M.B.E.  
Brewer, N.H.  
Brewin, Beryl I., D.Sc.  
Brock, Miss J.G., B.A., Dip. N.Z.L.S.,  
A.N.Z.L.A.  
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Bromwell, Mrs A.  
Brook, P.J., M.Sc., Ph.D.  
Brook, Mrs Shirley D., M.Sc.  
Brooke, R.  
Brookes, Mrs Betty  
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Brookes, N.H.  
Brothers, J.H.  
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Brown, Ms D.C., M.A., Dip.N.Z.L.S.  
Brown, Miss E.A., M.Sc. (Hons.)

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Q.S.M.  
Brownlee, J.N., M.Sc., Ph.D.,  
A.M.Inst.P., M.I.E.E.  
Brownson, R., M.A.  
Brundell, J.E., M.Sc., A.R.I.C.,  
A.N.Z.I.C.  
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(Cantab.), Ph.D.  
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Burton, J.  
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D.Sc., F.R.S.N.Z.  
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Butterworth, W.L., LL.B.  
Bycroft, Mrs R.H.

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Cadman, M.F.  
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Campbell, I.G.  
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Carman, Mrs Mona F.  
Carrier, S.J., M.Sc.  
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Caughy, A.L.  
Caughy, Brian K.  
Caughy, Miss Joan  
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Chamberlain, E.E., D.Sc., F.R.S.N.Z.  
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Cheoros, Mrs J.  
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Clark, R., Ph.D.  
Clark, Mrs Shirley  
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Clarke, A., B.Sc., Dip.Hort.Sc.  
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Clements, Miss J.L.  
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Cooper, D.E., M.Sc., M.N.Z.I.C.  
Cooper, K.M., B.Sc.Hons., Ph.D.  
Cooper, Miss K.M.  
Coote, G.C., A.I.I.N.Z.  
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 Cox, T.R.  
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 Cranwell, Miss L.B., Dip. Fine Arts  
 Cresswell, J.C.M.  
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 Davies, J.  
 Davis, C.H.  
 Davis, Mrs M.R.  
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 Davison, R.M., M.Sc., Ph.D.  
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 de Deckker, Dr P.  
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 Delacey, L., M.Sc., Dip.Tchg  
 de la Mare, Professor P.B.D., M.Sc.,  
 Ph.D., D.Sc., F.N.Z.I.C.  
 de Lange, A.M.  
 de Lange, Mrs A.M.  
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 Donley, Ms J.  
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 Dowsing, G.J.  
 Drake, G.W.J., B.A. (N.Z.), M.A.  
 (Auck.), Ph.D. (Illinois)  
 Dredge, P.S.  
 Drewry, J.J., M.I.Mech.E., M.N.Z.I.E.  
 Druitt, D.G.  
 Drummond, Mrs L.R.  
 Drummond, R.  
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 Duffus, Miss A.R.  
 Duncan, L., M.A.  
 Duncan, S.M.  
 Dunningham, A.G.W. B.A., F.N.Z.L.A.  
 Dunningham, C.D.A.  
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 Eastop, Mrs G.M.  
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 Eiriksson, Mrs E.  
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 D.L.O.  
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 Ellis, S.L.  
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 Ennor, G.G., L.I.B.  
 Ensor, J.S.  
 Espiner, Miss E., M.A.  
 Esveld, R.  
 Everard, Mrs C.M.  
 Everton, Miss M.E., B.A., Dip.Tchg  
 Everts, Mrs A.H., B.Sc.  
 Eyre, K.E.D., M.D., F.R.A.C.P.  
 Eyres, L., Ph.D.(Umist), M.N.Z.I.C.
- Fairhall, L.  
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 Fausett, J.

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Dickey, Mrs M., L.T.C.  
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 Doug, F.N., M.I.E.E. (M)  
 Dring, Ma I.  
 Duxie, Miss C.C.  
 Dougherty, M.J., B.A.  
 Douglas, R.  
 Duxie, Miss G.J., B.A. (L)  
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 Downing, G.J.  
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 (Chalk), Ph.D. (Hons.)  
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 Drummond, Mrs L.R.  
 Drummond, R.  
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 Duncan, S.M.  
 Dunningham, A.G.W. (L)  
 Dunningham, C.D.A.  
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 Eassey, Mrs S.M.  
 Eassey, Mrs G.M.  
 Edgar, Mrs Jane, L.T.C.  
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 Eriksson, Mrs E.  
 Eskdale, S.  
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 D.L.O.  
 Eller, Mrs G.J.  
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 Ellis, S.L.  
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 Eyre, K.E.D., M.D. (L)  
 Eyres, L., Ph.D. (Hons.)  
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 Fenwick, E.L., B.Sc. (Hons.), Ph.D.  
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 Ferguson, Miss Jan  
 Ferguson, Mrs J.  
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 F.R.A.C.S.  
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 Fieldsend, A.J.P.  
 Finn, A.R.  
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 Fleming, Mrs D.  
 Fletcher, R., M.Sc.  
 Fletcher, R.H.  
 Flower, Miss L.T.H.  
 Fomison, T.  
 Foote, J.G., Dip.Arch., A.N.Z.I.A.  
 Ford, Mrs C.R.  
 Forde, Mrs M.L.  
 Forder, Professor H.G., M.A., Hon.  
 D.Sc., F.R.S.N.Z.  
 Forster, Miss L., B.Sc.  
 Foster, G.C., B.A.  
 Foster, Mrs J.  
 Fox, Lady, M.A., F.S.A.  
 Frater, G.W.  
 Frater, J.N., B.Sc., B.Com., A.C.A.  
 Frater, Dr Janet S., B.Sc., M.B.Ch.B.,  
 Dip.Obst.  
 Frater, Mrs Talwynne M.  
 Frazer, E.  
 Free, L.L., B.A.  
 Friend, D.A., B.D.S.  
 Friss, C.L., L.I.B.  
 Frith, M.J., B.Sc., Dip.Opt.  
 Fry, P.R., M.Sc., Ph.D.  
 Fulljames, K.A.  
 Furey, Ms M.L., B.A.  
 Gabriel, Mrs L.  
 Galbreath, R.A., B.Sc. (Hons.), Ph.D.  
 Gallagher, Miss F.  
 Gallagher, R.C., B.A.  
 Galley, P.L.  
 Gamble, Mrs M.B.  
 Gamble, W.R.  
 Gardner, Mrs E.N.  
 Gardner, N.W.  
 Gardner, R., B.Sc. (Hons.), Ph.D.  
 Gaudin, Dr Howard J.  
 Gibbons, Miss N.C.  
 Gibbons, W.L.B.  
 Gibson, P.R.J., L.I.B.

Gibson-Smith, Mrs M.  
 Gifford, E.J.D.  
 Gilderdale, Mrs B., B.A. (Hons.) (Lond.),  
 P.G.C.E.  
 Gilderdale, P., B.A.  
 Gill, Dr Michael B., M.B., Ch  
 B., F.R.C.P.A.  
 Gillespie, Mrs H.  
 Gillies, B., M.P.S. B.D. (Lond.)  
 Gillies, Miss M.D.  
 Gillman, F.A.  
 Gittos, V.B., L.I.B.  
 Glasgow, Miss E., B.A.  
 Glennie, Dr H. Ronald R., B.Sc., M.B.  
 (Otago), F.R.C.S.K., F.R.A.C.S.  
 Godbert, F.D., M.A. (Oxon.)  
 Goldfinch, Mrs P.M.  
 Goldsmith, E.L.  
 Gooch, John G.  
 Goodfellow, A.C., M.Arch.  
 Goodfellow, T. Bruce, B.E.E., M.B.A.  
 Goodhew, Mrs H.F.  
 Goodwin, A.J.  
 Goodwin, T.  
 Gorbey, K.C.K., B.A.  
 Gordon, L.  
 Gordon, R.E., Mech.E., A.M.I.M.I.,  
 M.I.E.  
 Gould, Mrs E.M., M.B.E.  
 Gouldstone, S.D.I.  
 Goulter, Sister Phyllis, B.A., Dip.Ed.  
 Grace, Ms C.J.  
 Grace, R.W.  
 Graham, Miss C.M.  
 Graham, Mrs Joan  
 Grant, Miss J.E.  
 Grant, M.  
 Grant-Mackie, J.A., M.Sc.  
 Gray, Mrs E.E., M.A.  
 Gray, S.E., B.Arch.  
 Gray, Mrs S.M.  
 Green, Mrs E.A.  
 Green, Wing-Commander H.M.S.,  
 R.A.F. (Retd.)  
 Green, Professor R.C., B.A., B.S., Ph.D.  
 (Harv'd), F.A.A.A., F.R.S.N.Z.  
 Greenfield, R.J.  
 Greetham, Mrs M.  
 Gregory, C.F.  
 Gregory, J.B., B.E., M.N.Z.I.E.  
 Grenfell, H.R.  
 Griffiths, Mrs Elizabeth S.  
 Griffiths, G.S.  
 Gummer, R.G.  
 Gunman, Mrs D.

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- Gunson, Mrs Elizabeth A.R.  
Guy, M.
- Haddon, Mrs B.M.  
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Hall, Mrs J.H.  
Halliwell, R.F.  
Hambly, G.  
Hames, Rev. E.W., M.A.  
Hamilton, Dr W.M., C.B.E., M.Agr.Sc.,  
D.Sc., Hon.D.Sc. N.D.H., F.N.Z.I.A.S.,  
F.R.S.N.Z.  
Hanlon, J.O.  
Hanna, G.P.  
Hanna, Mrs M.F.  
Hanna, N.R., F.G.A.  
Hanna, Mrs R.A.  
Hansen, D., B.A.  
Hardwick-Smith, Miss Mary  
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Harris, D.A.  
Harris, R.J.  
Harrison, Dr W.R.  
Hartigan, P.  
Harvey, B.J.  
Harvey, Mrs C., B.Sc.  
Harvey, Miss P.G.  
Hashimoto, G.M.  
Haslett, Mrs C.M.  
Hattaway, Rev. R.  
Hawkes, M.W., B.Sc., Ph.D.  
Hawkeswood, Mrs S.  
Hawkins, Clifford W.  
Hay, John, J.P.  
Hay, Miss M.C.  
Hay, M.P.  
Hayes, W.A.  
Heap, D.J., B.A.  
Heap, W.A.  
Heatley, Mrs H.  
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Hemus, B.C., B.E.  
Hennessey, J., N.Z.R.E.  
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Herbert, W.J., M.A., Dip.Ed.  
Herda, Miss P.  
Heriot, I.  
Hewlett, G.  
Higgs, Mrs A.L.  
Hill, J.E.G.  
Hillas, Miss J., B.Sc.  
Hinds, Mrs R.J., B.A. (Hons.), Dip.Ed.
- Hoare, Mrs G.  
Hoare, L.J.  
Hodgson, Mrs M.I.  
Holdaway, E.A.J., D.F.C. and Bar  
Holland, Mrs Beverley, F.T.C.L.  
Hollier, D.W.  
Holloway, Mrs K.M., M.A.  
Hollyman, Professor K.J., M.A., D.U.  
(Paris)  
Holmes, P.D.  
Holway, Mrs L.F.  
Hood, J.A.  
Hooker, Brian  
Hooker, E.L.  
Hooker, Miss M.A.  
Hooper, A., M.A., Ph.D. (Harv'd)  
Hope, Mrs L.  
Hope, R.  
Horn, J.K.  
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Horrocks, Mrs S.B.  
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Horsfall, Mrs J.E.  
Horton, B.K.  
Howarth, Mrs D.J.  
Howell, L., M.N.Z.I.E.  
Howie, Mrs E.L., Dip.Ed., Dip. H.Sc.  
Hoy, J.M., M.Agr.Sc., D.Sc.  
Hoyle, Mrs P.J., M.A.(Hons.)  
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Hughes, Lady  
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Hudd, Mrs S., B.A.  
Hunia, Miss L., B.A., Dip.Tchg.  
Hunt, Dr S.R., M.B., Ch.B. (N.Z.)  
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Hunter, J.C., A.S.T.C., A.N.Z.I.C.,  
A.R.A.C.I.  
Hunter, Mrs J.S., M.B.E., B.Sc.  
Huntsman, Judith, B.A., Ph.D.  
Hutchinson, C.P., Q.S.O., M.B.E., Q.C.  
Hutchinson, M.  
Hutchinson, W.N.  
Hutton, Mrs B.O.  
Hutton, P.B., A.C.A.  
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- Ibbertson, H.P.  
Ihle, A.M.  
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Innes, S.L.  
Insley, Mrs V.



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Isler, Miss D., B.A.  
Izard, C.H., J.P.

Jack, Mrs S., M.A., B.Litt., Dip.Ed.,  
F.R.H.S.

Jackson, Mrs H.  
Jackson, Mrs Joan  
Jackson, J.K.

Jackson, R., D.G.A.  
Jacobs, H.N.

Jacobsen, Mrs P.  
Jacobson, Dr I.R.B., M.B., Ch.B.  
Jamieson, Mrs P.A.

Jelicich, S.A., B.Arch., R.I.B.A.,  
F.N.Z.I.A.

Jenkins, C.F., Q.S.M., L.I.B.  
Jenkins, Mrs G., L.R.S.M., A.R.C.M.

Jenkins, Captain J.A.F.  
Jenkins, P.F., Ph.D.

Jenkins, T.  
Jennings, Dr E.W.

Jepson, J.D., B.Sc.  
Jervis, D.H.

Jillings, Ms L.R.  
Johns, Miss D.A.

Johnston, Mrs B.V.M.  
Johnston, C.

Johnstone, I.M., M.Sc.  
Jolly, R.G.W.

Jones, R.J.  
Jones, W.E.F.

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Kahotea, D.

Kalaugher, E.D.

Karataua, Miss M.

Karl, D.

Kavanagh, J.F.

Kay, C.M., J.P.

Kayes, Miss B.M.

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Keene, Mrs Florence

Kelland, Dr Diana M., M.D., Dip.Obst.

Kelly, Miss F.

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Killeen, R., Dip.F.A.

King, A.P., L.I.B.

King, B.W.

King, D.

King, J.R.

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Kingston, Mrs B.H.

Kinley, Mrs E.

Kinnear, J.S., B.D.S.

Kirk, J.N.

Kitchen, N.J.

Klippel, Dr Augusta, M.B., Ch.B.(N.Z.)

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B.D., D.D.

Kohere, R.D.

Koning, Mrs Ailsa M.

Kopiari, Mrs P.

Kronfeld, Mrs J.H.

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Lahatte, J.A., B.Sc., (E.E.), L.I.B.

Lamb, Miss J.

Langholm, R.

La Roche, A.J., B.D.S.

Latch, C.W.

Laurenson, Mrs S.V.

Lavich, Mrs M.

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Lawler, I.T.

Laws, C.R., D.Sc., F.R.S.N.Z.

Laws, Miss J., B.Sc.

Leach, C.R., M.B.E., E.D., J.P.

Leach, Mrs P.

Leahy, Miss A., B.A.

Lee, Miss J.D., B.A.

Legat, Miss N.M., M.A. (Hons.)

Le Pine, Miss Constance E.

Levy, Dr G.

Lewer, R.L., B.Sc., B.Com.

Lewis, A.H.

Lewis, E.M.

Leyland, Ms E.

Leyland, W.B.

Lichtenstein, H.J.

Liley, Sir William, K.C.M.G., B.Med.Sc.,

M.B., Ch.B., Ph.D., Dip.Obst., D.Sc.,

F.R.C.O.G., F.R.S.N.Z.

Lillie, Professor A.R., M.A., D.es.Sc.,

F.R.S.N.Z.

Llewellyn, Professor D.R., D.Sc.,

D.Phil., F.R.I.C., F.N.Z.I.C.

Lochore, Miss M.S., B.Sc.

Lockley, R.M.

Logan, G.D., Dip.F.A.A., Dip.Adv.C.D.

Lohle, C.S., B.Sc.

Long, Mrs S., F.I.P.S.

Longworth, J.F., M.Sc.

Lord, C.

Lorrigan, Mrs B.J.

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- Lovegrove, T., B.Sc., M.Sc.  
 Lowe, F.J.  
 Luckens, J.B.  
 Luke, P.N.  
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 McCoach, J.H., M.Sc., B.D.S.,  
     A.N.Z.I.C.  
 McConnell, R.C.  
 McConnell, Dr W.F., M.B., Ch.B.  
 McCormick, E.H.  
 MacCulloch, A., B.Sc.  
 McDonald, D.H., B.Com, F.C.A.  
 Macdonald, J.A., A.B., Ph.D.  
 Macdonald, Mrs J.A., M.A.  
 Macdonald, Miss N.  
 Macdonald, Mrs W., M.A., M.B.E.  
 McDonald, W.  
 Macdougall, I.S.  
 McEldowney, R.D.  
 Macfarlane, Dr Alistair, M.B., Ch.B.,  
     F.R.A.C.S., F.R.C.O.G.  
 Macfarlane, Mrs Prudence  
 McFarlane, Captain R.B.  
 Macfarlane, Ross C., B.A.  
 McGeorge, Mrs J.S., B.A.  
 McGill, Sydney S.  
 McGregor, J.C.  
 McGregor, Mrs M.B.  
 McGregor, M.I., A.N.Z.I.M., M.P.M.I.  
 McGregor, Mrs Valerie R.  
 McGrevy, N.L., M.A.  
 McGrevy, W.N., B.Sc.  
 McIndoe, Dr W.A., B.Sc., M.B., Ch.B.,  
     F.R.C.O.G., M.I.A.C.  
 McIsaac, H.M., A.C.A., A.C.I.S.,  
     A.N.Z.I.M.  
 McKegg, Miss A.J.D., B.A.  
 McKegg, R.N., B.D.S., D.P.H.  
 MacKinlay, Mrs E.L.  
 McLachlan, A.R., B.Arch, A.R.I.B.A.,  
     A.N.Z.I.A.  
 McLaren, Mrs G., M.A.  
 McLaren, Miss K.J.  
 McLean, M., M.A., Ph.D.  
 McLeod, Miss E.R.  
 McLeod, Ms H.  
 McMahon, D.  
 McNaughton, A.H., M.A., Ph.D.  
 McNeilage, M.A.  
 McNeill, A.  
 McRae, D.G.  
 McVicker, D.  
 McWatt, B.R.P., B.A.  
 Mace, H.T.  
 Mack, G.D.  
 Mackadam, G.T., B.Sc. (N.Z.), D.D.  
     (U.S.A.), Ph.D. (U.S.A.)  
 Mackle, Mrs J.M.  
 Mackmurdie, A., LI.B., Dip.Mgmt.  
 Macky, Warwick, O.B.E.  
 Madden, I.B., M.A., LI.B.  
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     F.R.E.S.  
 Maguire, Mrs A.  
 Maiiai, Dr S., M.B., Ch.B. (N.Z.)  
 Maihi, Mrs T.A.  
 Malaghan, Miss M.A.  
 Malcolm, J.P.  
 Male, John G.  
 Manutahi, C.  
 Marett, D.L.  
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 Marks, G.S.  
 Marley, W., A.C.A., A.C.I.S., C.M.A.,  
     A.N.Z.I.M.  
 Marra, M.H.  
 Marshall, Mrs D.  
 Marshall, Dr R.T., M.B., D.M.R.E.  
     (Camb.)  
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 Martin, Miss Mary-Beth, Dip.F.A.  
     (Hons.)  
 Martin, N.A., Ph.D.  
 Maud, W.B.  
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 Menzies, Mrs A.M.  
 Menzies, L.S.  
 Methven, Dr R.J., M.B., Ch.B.,  
     M.R.N.Z.A.C.P.  
 Meyer, Professor R.F., B.E. (N.Z.), Ph.D.  
     (Manc.), A.F.C.A.S.I., M.A.I.A.A.,  
     M.N.Z.I.E.  
 Michie, Mrs E.G.  
 Mihaljevic, J.M.J., B.A.  
 Miller, A.C.  
 Miller, N.C., B.Sc.  
 Milne, Mrs Dorothy A.  
 Milne, D.S., M.Sc.  
 Mingins, Mrs L.R., A.A.Sc.T.A. (N.Z.)  
 Minhinnick, Sir Gordon, K.B.E.  
 Minturn, P., M.N.Z.I.D.  
 Mirams, R.V., M.Sc., Ph.D.  
 Mitchell, H.  
 Mitchell, J.  
 Mitchell, M.E.  
 Mitchelson, Miss K.M.

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Moir, J.G.  
Moller, The Hon. Mr Justice  
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Mols, Mrs P.T.  
Moncur, Ms C.G.  
Monteith, J.M.  
Moon, G.J.H., M.R.C.V.S.,  
M.A.C.V.Sc., A.R.P.S., A.P.S.N.Z.  
Moonen, G.A.M.  
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F.R.A.C.S.  
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Morgan, O.J.  
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Morpeth, R.T., Q.S.O., J.P.  
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Morris, Mrs N.M.  
Morris, R.D.  
Mortensen, P.E.  
Morton, Professor J.E., D.Sc.  
Mossong, Mrs Verna E.  
Mountford, G.  
Moustafa, Associate-Professor E., M.Sc.  
(Cairo), Ph.D. (Camb.)  
Mowbray, Professor N.A., B.E. (N.Z.),  
C. Eng., F.I.C.E., F.N.Z.I.E.  
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Muller, Mrs D.  
Mullins, Mrs B.M.  
Munn, D., B.A.  
Munroe, F.D., M.A.  
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F.R.A.C.S.  
Murray, Mrs C.E.  
Mutch, A.C.  
Myers, Miss V., B.A., M.A.  
Mynott, William L.  
  
Nabainivalu, B.  
Nathan, J.S.D., B.A.  
Nathan, L.D., O.B.E., M.A., J.P.  
Nathan, P.A.N., M.A.  
Nielsen, M.  
Nelson, Mrs Glenys E.  
Nevin, A.J.  
Nevin, Mrs Raewyn, L.G.S.M. (London),  
L.T.C.L.  
Newland, Mrs L.J.  
Newman, Dr J.L., Q.S.O.  
Newman, Mrs M.

Newman, Ms M.  
Nicholls, T.W.  
Nicholson, Miss B., M.A. (Hons.)  
Nicholson, S.W., D.S.O., E.D., B.Com.,  
A.C.A., F.N.Z.S.C.A.  
Nicholson, Mrs S.W.  
Nicol, Gray G., M.F.A.  
Noble, Miss A.L.  
Noble, Miss J.M.  
Nodwell, Mrs J.L.  
Nolan, Mrs Joyce  
Norris, Mrs Margaret  
Norris, P.M.  
North, Lady  
North, B.  
North, B.  
North, Professor J.D.K., M.B.,  
Ch.B.(N.Z.), D.Phil.(Oxon.), F.R.C.P.,  
F.R.A.C.P.  
North, Mrs J.D.K., B.H.Sc.  
North, Miss L.V., B.A., Dip. Tchg.  
North Shore Teachers College  
Northwood, B.R.  
Norwell, Miss L., M.A.

Oatridge, G.F.  
O'Brien, D.  
O'Connor, S.B., B.A.  
Odell, Professor A.L., M.Sc.,  
Ph.D.(Lond.), D.Sc., F.N.Z.I.C.  
O'Flaherty, A.  
O'Flaherty, B.  
O'Keefe, A.H., B.Com.  
Oldham, Ms C., B.A.  
Oliphant, D.J., L.I.B.  
Oliphant, Mrs Rona  
O'Meara, Mrs M.F.  
O'Neill, Mrs P.C.  
Oord, D.  
Oppenheim, R.S.  
Orange, Mrs C., M.A. (Hons)  
O'Reilly, D.  
O'Reilly, Mrs I.R.  
Omerod, J.L., B.Sc. (Forestry) (Edin.)  
Osborne, Rev. J.H., M.A.  
Osborne, R.J., L.I.B.(Hons.), M.I.L.R.  
(Cornell), J.S.D. (Cornell)  
Owen, D.

Paapu, Mrs R.  
Paget, H., M.A.  
Palmer, A.D.  
Palmer, Dr C.W.E., M.B., Ch.B.,  
Dip. Obs., B.Sc.

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- Palmer, Dr Mary S.  
 Pardon, Mrs F.  
 Park, G.S., M.A., A.M.A.  
 Park, J.K., M.A., Ph.D.  
 Parker, J.E.  
 Parker, R.H.  
 Parker, Mrs V.N.M., M.A.  
 Parr, C.J., Li.B.  
 Parrington, A.H.  
 Parrish, M.J.  
 Paterson, Mrs B.  
 Paterson, Campbell, M.B.E., J.P.  
 Paterson, Mrs I.M.  
 Patterson, C.J., B.Sc., B.E.  
 Pattinson, Mrs A.M.  
 Pattinson, Miss B.M.  
 Pattison, M.A., M.B.E.  
 Paxton, Mrs L.R.  
 Payne, R.E.  
 Paynter, B.  
 Pearce, P.I.  
 Pearson, Dr W.H.  
 Peek, O.D.  
 Pegler, L.M.  
 Pene, D.  
 Penfold, R.L.  
 Pennalligen, E.  
 Penniket, J.R.  
 Percy, C.A.  
 Percy, R.J.  
 Perks, W.E.  
 Perrin, Miss P.  
 Perry, The Hon. Sir Clifford, Li.M.  
 Peters, C.D.  
 Pettit, Miss P.M., M.A., Dip. Journ.  
 Phillips, Mrs J.A., Li.B.  
 Phipps, I.D.  
 Pickmere, Mrs A.H.  
 Pierce, Ms E.  
 Pilcher, Mrs M.F.R., M.A.  
 Pinner, D.S., B.A., L.T.C.L., R.B.T.C.  
     Cert., Dip.Tchg.  
 Platt, Miss O.  
 Platts, Miss U.  
 Pope, Mrs D.M.  
 Porritt, J.O.  
 Porteous, R.  
 Porter, R., B.Sc.  
 Powell, Mrs A.W.B.  
 Powell, Miss D.  
 Powell, Dr G., M.B., Ch.B. (N.Z.),  
     F.R.C.S.E., F.R.A.C.S.  
 Powell, Mrs P.M.I.  
 Power, Mrs M.E.  
 Prentice, Mrs B., B.A.  
 Prentice, J.K.  
 Prescott, P.F.  
 Prince, Mrs C.W.  
 Print, J.M., M.A.  
 Pritchard, Miss K.  
 Pritchard, M.H.  
 Puch, F., A.M.I.Mech.E.  
 Purdie, G.W., Cert.Bldg.  
 Purdie, M.D.  
 Purdue, Mrs C.M., M.B.E.  
 Purton, Miss B.J., B.A., Dip. N.Z.L.S.,  
     A.N.Z.L.A.  
 Quinn, Mrs A.  
 Quinn, B.  
 Quinn, J.R.  
 Rainger, Mrs M.B.  
 Ralph, Professor R.K., M.Sc., Ph.D.,  
     D.Sc.(N.S.W.), A.N.Z.I.C.  
 Ralph, Mrs T.  
 Randall-McClintock, Mrs T.K., B.A.  
 Rapana, Miss M.  
 Rapana, Mrs R.  
 Raudkivi, Professor A.J., Dip. Ing.  
     (Civil), Ph.D., C.Eng., F.I.C.E., V.D.I.,  
     F.N.Z.I.E.  
 Rawlinson, Miss Gloria  
 Ray, J.L.  
 Raynes, D.A.  
 Reckner, Lieutenant-Commander J.R.  
 Reelick, Miss M.  
 Reid, J.G.S., C.B.E., B.A., A.C.A.  
 Reid, W.D., B.Sc., Ph.D.  
 Reiher, Mrs G.A.  
 Revell, Miss G.  
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 Rhodes, Mrs S.M.  
 Rice, F.J.G., M.I.M.E., F.N.Z.I.E.,  
     A.I.A.R.B., A.C.E.N.Z.  
 Richards, G.W.  
 Richards, H.P.  
 Richards, J.F.  
 Richards, Mrs Patsy  
 Ricketts, J., M.Sc.  
 Riddell, D.J., B.Sc.  
 Ring, Dr C.C.  
 Ringer, R.A.A.  
 Robbins, Miss J.R.  
 Robbins, Miss M.R.  
 Robertson, Mrs A.L.C.  
 Roberts, Ms M.A.

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Robertson, B.S., B.Com., A.C.A.,  
A.C.I.S.  
Robertson, J. Carrick, M.A.  
Robinson, D.E., M.Sc., Dip.Ed., M.I.Biol.  
Robinson, Miss E., N.Z.L.A. Cert.,  
A.N.Z.L.A.  
Robinson, N.C., M.A.  
Robson, Miss D.  
Rodewald, H.M.  
Rodger, Sir William, O.B.E., J.P.,  
B.Com., F.C.A.  
Rogers, G., Ph.D.  
Roobeck, Miss C.  
Rosevear, Rev. W.J.W., M.A., M.Th.  
Ross, Miss A.V., M.S.R.  
Ross, M.  
Ross, Mrs S.  
Ross, W.K., M.Sc., B.D.S.,  
D.D.O.R.F.P.S. (Glas.), D.Orth, R.C.S.  
(Eng.)  
Rosser, Mrs Y.  
Rothschild, L.D.B.  
Rothwell, Miss K., Dip.Tchg.  
Rountree, Miss K., B.A.  
Rowe, D.K.  
Rowe, M.C.  
Rowell, G.H., B.A.  
Ruffell, W.L.  
Rusden, Mrs E.M.  
Russell, B.  
Russell, D., B.Sc., M.A.  
Russell, P.D.  
Rutherford, Q.E.  
Rutherford-Dyer, R., B.A., M.A.  
  
Sanders, J.  
Sandman, J. McK., J.P.  
Sang, R.F.  
Sawyers, Mrs L.W.  
Scale, Mrs M.  
Scanlan, Mrs P.K.  
Schofield, J.C., M.Sc.  
Scott, Dr D.J., B.Med.Sci., M.B., Ch.B.,  
M.R.C.P.(Lond.), F.R.A.C.P.  
Scott, L.E.  
Scott, P.D.  
Seddon, Mrs M.  
Segar, Miss E.C.M., B.Sc.  
Seifert, H.L.  
Senior, G.F., M.A., Dip.Ed.  
Sewell, Mrs B.M.  
Shannon, Miss M.B.  
Sharp, R.K.  
Shaw, D.J.

Shaw, Miss W.  
Shawcross, Mrs K.A.  
Shirres, Father Michael  
Shores, K.D.T., B.E.  
Shores, Mrs S.  
Short, E.L.N., L.I.B.  
Shotter, Commander G.W., O.B.E.,  
R.N.Z.N. (Rtd.)  
Shrewsbury, Miss D.C.  
Simmonds, P.H.  
Simmons, Mrs Beverley A.  
Simmons, Rev. E.R., S.T.L., B.A.  
Simons, J.S.  
Simons, Miss P.  
Simons, Miss W.  
Simpson, Mrs J.A.  
Sims, Ms P.  
Sinclair, Professor J.D., M.D.,  
B.Medic.Sc., F.R.A.C.P.  
Sinclair, Professor K., M.A., Ph.D.  
Sinclair, Mrs M.R.  
Sinclair, Sir Ronald, K.B.E., L.I.M.  
Sinclair, Lady  
Sinton, Dr T.J., M.B., Ch.B.  
Sissons, J.D., B.A. (Hons)  
Skelton, Mrs Michelle M.G.  
Skinner, D.N.B., M.Sc., Ph.D.,  
A.A.I.M.M.  
Slane, C.  
Slooten, Miss E., B.Sc.  
Small, Miss S.  
Smith, D.R.K., B.E.(Met.),  
M.Aust.I.M.M.  
Smith, Mrs J.  
Smith, Mrs K.N.  
Smith, M.G.  
Smith, Malcolm G., B.Sc., A.N.Z.I.C.  
Smith, Mrs Rose A.  
Smith, R.A.J., O.B.E.  
Smout, G.R.  
Smyth, W.M., M.A.  
Snelgar, A.  
Sneyd, Mrs Catherine, B.A.  
Sorenson, Dr M.P.K.  
Southern, Miss A.W.  
Southern, Thomas P.  
Southey, I.  
Southwick, L.H., Q.C., L.I.B.  
Spalinger, A., Ph.D., M.P.G., B.A.  
Spath, S.  
Speller, Mrs R.  
Spence, W.A.  
Spencer, H.M.  
Spencer, Mrs M.L.  
Spencer, Rev. P.M., M.A.

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- Sprong, H.  
 Stacey, Miss B., B.A.  
 Stacpoole, J.M.  
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 Stanislaus, Sister M.  
 Stanton, A. McM., L.I.B.  
 Stephens, Mrs D.  
 Stevens, Miss I.F.  
 Stevenson, L.B.  
 Stevenson, Mrs K.M., M.A.  
 Stewart, Miss A.M., B.Sc.  
 Stewart, K.C., B.D.S.  
 Stewart, Dr W.R., M.B., Ch.B.  
 Stocker, Miss L.  
 Stoddart, R.J.  
 Stone, Associate-Professor R.C.J., M.A.  
 Stonehouse, Mrs R.A.  
 Strachan, G., B.S.  
 Strang, D.N., F.R.G.S.  
 Strange, Miss M.G., B.Sc.  
 Stretton, Mrs J., B.A.  
 Stuart-Masters, Mrs D., N.Z.R.N.,  
     R.M.N.  
 Stubbing, Mrs E.M.  
 Sullivan, Mrs Agnes, M.A.  
 Sullivan, Mrs E., M.A., L.Th.  
 Suluape, Paul  
 Sutcliffe, Mrs W.  
 Sutherland, O.R.W., B.Sc. (Hons.), Ph.D.  
 Sutton, Mrs Evelyn M.  
 Swadling, Miss P.  
 Swanson, Dr C., M.B., Ch.B., D.O.M.S.,  
     F.R.A.C.S.  
 Swinburn, Dr P.F., M.D.S.,  
     F.D.S.R.C.S., F.R.A.C.D.S.  
 Swinton, A.D.  
  
 Tagg, A.R.M.  
 Taiaaroa, Mrs M.R.  
 Tamahori, Rev. J.T., B.A., L.Th.  
 Tandy, Mrs I.A., K.G.C.I.  
 Tarlton, K.E.  
 Tattersfield, A.W., B.Com.  
 Tattersfield, J.N.  
 Tattersfield, L.W.  
 Tauroa, E.T.R., B.Agr.Sc., Dip.Ed.  
 Tayles, Miss N.  
 Taylor, Mrs C.  
 Taylor, D.M., B.Sc.  
 Taylor, G.D.  
 Taylor, G., B.A. (Hons.)  
 Taylor, John H., B.A., M.Sc.  
 Taylor, Mrs M.E., B.A., Dip.Tchg.,  
     L.T.C.L.  
  
 Taylor, Mrs P.  
 Taylor P.W., Ph.D.  
 Television New Zealand  
 Thom, D.A., F.I.C.E., F.N.Z.I.E.  
 Thomas, F., B.A.  
 Thomas, G.E.  
 Thomas, H.T.  
 Thomas, Dr R.F.  
 Thomas, R.N.  
 Thompson, E.H., M.I.C.E., M.N.Z.I.E.  
 Thompson, Mrs Isobel M.  
 Thompson, N.  
 Thompson, R.H.  
 Thompson, T.E., B.Sc., C.Eng., M.I.E.E.,  
     M.N.Z.I.E.  
 Thompson, T.N.  
 Thomson, A.D., J.P., B.Com.  
 Thomson, W.  
 Thomson, W. Laird, M.B.E.,  
     A.F.N.Z.I.M., J.P.  
 Thorpy, F.T.  
 Tilbury, Mrs I.S.  
 Tisch, Mrs R.  
 Tizard, Mrs C.A.  
 Tomkinson, G.B.  
 Tong, S.W.W., C.B.E., L.I.B.  
 Topping, Dr R.B.  
 Toy, Professor R.H., B.Arch. (N.Z.)  
     Ph.D. (Dub.), A.R.I.B.A., F.N.Z.I.A.  
 Trotter, Mrs Colleen  
 Tuck, J.G., B.Com.  
 Turner, N.D.  
 Turner, The Rt Hon Sir Alexander,  
     K.B.E., M.A., L.I.B., Hon. L.I.D.  
 Turner, A.  
 Turner, Mrs A.  
 Turner, Sir Harvey, C.B.E.  
 Turney, T.A., M.Sc.  
 Turtill, K.S., M.A.  
 Tyson, Mrs Rosa  
  
 Ullrich, L.D.  
 Upton, Mrs T.  
  
 Vahry, D.H.  
 Vandenberg, Ms J.  
 Vennell, C.W.  
 Voight, Mrs I.D.  
 Vokes, Mrs A.M.  
 von Sturmer, Mrs Ngaire L.  
  
 Wade, Miss A.  
 Wakelin, H.L.  
 Wales, Ms S.  
 Walker, Miss A.K.



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Walker, D.O., O.B.E., J.P., B.Com.

Walker, G.W., M.N.Z.I.E.

Walker, Mrs M.

Walker, O.E.

Walker, P.

Wall, A.C.H.

Wallace, Miss J.

Wallace, James H.

Warneford, Mrs N., M.A.

Warren, T.P.

Warrington, Mrs P.

Waru, S.

Waterman, S.M.

Watkin, J.K.

Watkins, C.A.

Watkins, Mrs H.

Watson, Miss B.

Watson, G.

Watson, J.N.

Watson, Mrs M.A.

Watson, Mrs Shirley

Watt, Gp.Capt. G.E., C.B.E., A.F.C.,

B.E., D.I.C., F.I. Mech.E., F.R.Ae.S.,

M.I.C.E.

Watt, Dr J.S.

Watson, Miss J.

Watts, R., M.Sc.

Watts, Mrs S.G.

Weatherley, D.J.

Webb, Mrs Anne, Ll.B. (Nottingham)

Webb, G.R.

Webster, J.P.

Weight, Mrs S.M.

Weir, Mrs J.G.

Wells, J.C.

Wells, Mrs Caryl J.

Wells, M.R.

Wernham, A.J.

West, Miss C.J., M.Sc.

West, Mrs F. L-G.

West, Mrs Phyllis M.

Westwood, G.B., A.C.A., A.C.I.S.

Westwood, Mrs Y.

Whale, H.A., M.Sc., Ph.D. (Camb.)

Whale, Mrs S., M.A.

Whaley, Owen G., M.A.

Whelan, J.W.

Wheldon, Mrs Z.Y.

Whenmouth, Mrs E.S.

Whenmouth, M.G.

White, Mrs D.P.

White, Loyd W., B.A.

Whitehead, M.

Whitehouse, Mrs A.M.

Whitehouse, Mrs T.

Whitten, Rev. H.E.

Whitworth, L.J.

Whyte, C.D.

Wilcox, J.L., B.A., Dip.Tchg.

Wild, A.

Wild, Professor A.A., B.Arch. (N.Z.),

F.N.Z.I.A., A.R.I.B.A.

Wilkinson, Mrs D.M.

Wilks, R.L.

Williams, Miss L.

Williams, M., B.Sc.

Williams, P.L.B., B.E.

Williamson, A.J.

Williamson, K., B.E.

Willis, B.G.

Willmott, F.E., M.B.B.S., M.R.C.S.,

L.R.C.P., Dip.Ven.

Willock, F.J.

Wilson, Ms E.S., B.A., Dip.Tchg.

Wilson, Miss F.

Wilson, Associate-Professor, J.D.,

M.B., Ch.B., Ph.D., F.R.A.C.P.,

F.R.C.P.A.

Wilson, Miss L., F.T.C.L., N.Z.L.A.Cert.

Wilson, M.G., M.A., Dip.Tchg.

Wilson, Miss R.J., B.F.A., Dip.Tchg.

Wilson, Miss Rona M., B.A.

Wilson, Mrs S.M.

Winchester, Mrs Olive

Winks, Mrs N.

Winstone, B.R., B.E., M.N.Z.I.E.

Winstone, Mrs Natalie

Witcombe, N.C.

Wood, A.A.W.

Wood, Mrs A.R., M.F.A.

Wood, Miss Barbara L., M.A.

Woodbury, J.E.

Woodyear-Smith, H., M.B.E.

Woodyear-Smith, Henry

Woolford, R.B., B.Sc., Dip.Tchg.

Worley, Rupert, M.C.

Wright, G.A., M.Sc., D.Phil. (Oxon.),

A.N.Z.I.C.

Wright, J.

Wright, R.S.

Wrightson, P., M.A., F.R.A.C.S.

Yarwood, V.

Young, J.M., M.Sc., Ph.D.

Young, Mrs Karen

Young, Mrs N.M.

Yukich, Mrs d'A.

Zimmerman, R.F.

# AIM Ann Report 1981 to 1982

## AUCKLAND INSTITUTE AND MUSEUM

PRIVATE BAG, AUCKLAND 1.

I wish to become a member of the Auckland Institute and Museum

Name Dr

Mr

Mrs

Miss

Professor .....

(Please print clearly)

Address .....

Degrees, Awards .....

The following member of the Institute has agreed to nominate me.

Name ..... Signature .....

(Please print)

(The Museum's Director can arrange nomination if necessary)

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its services to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

### Form of Bequest.

*I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of \$ .....*

*free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.*

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